

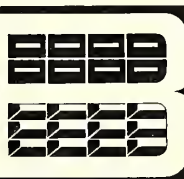
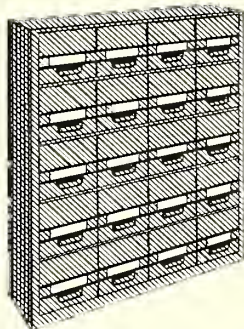
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C&D

CHEMIST AND DRUGGIST

ESTABLISHED 1859

THE WEEKLY NEWSPAPER FOR PHARMACY and all sections of the drug, pharmaceutical, fine chemical, cosmetics, and allied industries

Official organ of the Pharmaceutical Society of Ireland and of the Pharmaceutical Society of Northern Ireland

Volume 187

January 7, 1967

No. 4534

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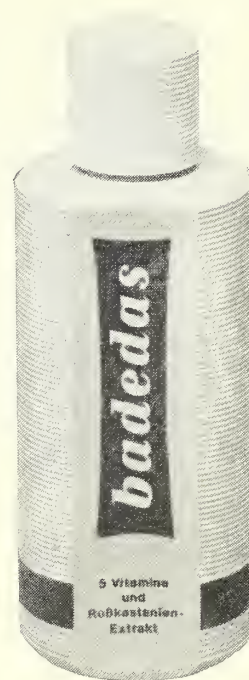
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Cussons Sons & Company Ltd.,
announce that,
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they are marketing badedas
the internationally famous bath additive.

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other Cussons products.
Ask your Cussons representative for details.

George Spencer & Son Ltd., will continue as a stockist of badedas.

C & D **CHEMIST AND DRUGGIST**

Volume 187

JANUARY 7 1967

No. 4534

Franco-British Congress, 1967

SCOTTISH VENUE AND ARTS THEME

THE 1967 Franco-British Pharmaceutical Congress is being held at the Turnberry hotel, Ayrshire, May 12-15.

The organisers state that the situation of the hotel will enable congressists to visit the Isle of Arran and that two celebrated golf courses lie between the hotel and the sea. Subject for the Congress session is "*L'Art et la Pharmacie*" ("The Arts and Pharmacy"). M. Pierre Martinot is showing his collection of colour slides illustrating historic hospital pharmacies in France, presented with music and a commentary in English. About sixty French visitors are expected, and a similar number of places has been reserved for British participants. Interested persons should apply at once for an application form and particulars of cost and travel arrangements to the Secretary, Franco-British Pharmaceutical Commission, 17 Bloomsbury Square, London, W.C.1.

Overseas Marketing

COMPETITION FOR CASE HISTORIES

THE Royal Society of Arts, with the help of funds provided by the BETRO Trust and the Edgar E. Lawley Foundation, is to offer prizes of £250 each to British firms for the four best outlines of case histories of overseas marketing relating to their own products. The objects of the scheme are to provide educational establishments with useful and recent practical studies of British overseas marketing projects, and exporting firms with up-to-date information on successful marketing abroad. The prize money for the winning entries will be awarded on the understanding that it will be distributed among those members of the firms concerned who were most closely connected with the winning case histories. A suitably engraved silver medal of the Society will be awarded to the successful firms. Entries which must be original and should not exceed 5,000 words, should be sent to the secretary of the Society, John Adam Street, Adelphi, London, W.C.2, not later than April 30.

Wholesale Warehouses

FEDERATION SEEKS S.E.T. CHANGE

MR. Ray Gunter (Minister of Labour), is being urged by the Federation of Wholesale Organisations to place wholesalers' warehouse establishments

on the same footing as those of manufacturers for the purpose of the selective employment tax. At present separate storage establishments of manufacturing firms are classified under the same heading of the Standard Industrial Classification as their manufacturing establishments. Consequently, provided they satisfy the conditions relating to non-qualifying activities, they qualify for refund of the tax plus the premium, but no refund of premium is granted where a warehouse belongs to a wholesaler. In a letter to Mr. Gunter, the Federation argues that that difference of treatment between manufacturers and wholesalers is unjust. The Association claims to have been given Ministry advice that a manufacturer's separate storage warehouse was unlikely to be disqualified from premium-earning even if up to nearly half the goods it housed were the products of other manufacturers, as opposed to its own.

Statutory Committee

NOTICE OF MEETING

THE Statutory Committee of The Pharmaceutical Society, of Great Britain is meeting at 17 Bloomsbury Square, London, W.C.1, on January 26, to consider information and evidence from which it appears that:—1. A member of the Society has been con-

victed of procuring the commission of an act of gross indecency; 2. A member of the Society has been convicted of conspiring with other persons to procure the miscarriage of a woman by unlawful means; 3. A member of the Society has been guilty of misconduct in knowingly supplying a person with a drug or drugs for an improper purpose, namely for administration to racing animals in order fraudulently to affect, or to attempt to affect, the racing performance of such animals.

Drug Taking in Yeovil

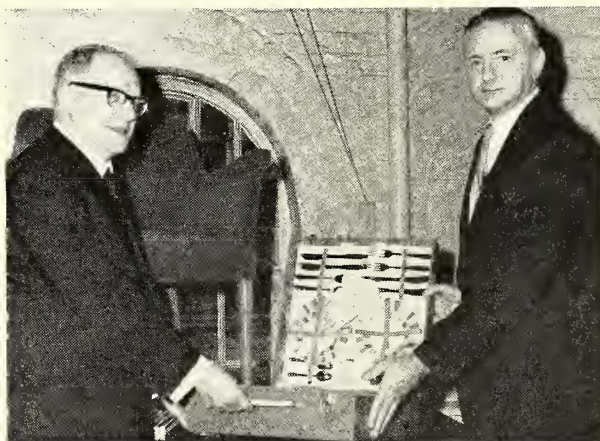
COUNCIL WRITES TO CHEMISTS

FOLLOWING a number of prosecutions for drug taking by teenagers, Yeovil, Somerset, council has decided to send a letter to chemists in the town urging them to "take all possible steps to prevent drugs falling into the hands of teenagers." One member, however, said such a letter would infer that chemists had not been doing their job properly in the past, and another called it "a piece of unwarranted over-government."

By Amateur Radio

CALL PROMPTS EMERGENCY DISPATCH

A "HAM" radio broadcast from Vienna, promptly translated into action by a Swedish newspaper man, resulted in the emergency dispatch from the Wellcome Chemical Works, Dartford, on Christmas day, 1966, of 100 Alkeran tablets which may be the last hope of prolonging the life of a cancer patient in Zagreb, Yugoslavia. The emergency call was put out on behalf of Dr. Otto Schinkler, Vienna, whose sister, a doctor in Zagreb, required the tablets.



RETIREMENT PRESENTATION: Mr. H. Treves Brown (left) a former chairman of the British Pharmaceutical Conference retired recently from The British Drug Houses, Ltd., of which he was a director. He is here seen being presented with a gift from the staff by Mr. F. W. Griffin (managing director). (See p. 7.)

The amateur radio enthusiasts "May Day" call was picked up by a fellow enthusiast in Stockholm. News of the broadcast was telephoned to Mr. F. Bramberg, on duty at the Stockholm newspaper *Expressen*, who contacted Dr. F. Wrigley (overscas director, Wellcome Foundation, Ltd.) at Welwyn Garden City, who arranged for the tablets to be delivered to the export cargo unit of British European Airways.

Voluntary Group Trading

ADVISORY PANEL

THE Economic Development Committee for Distributive Trades is setting-up an informal advisory panel to help traders who wish to establish voluntary trading groups. The recommendation for setting-up the panel came from retailers during the Distributive Trades Conference at Brighton in May 1966. The wholesale subcommittee examining the proposal decided that it would not be feasible to provide a full-scale consultancy service, but they felt that an informal panel of businessmen experienced in setting-up and developing voluntary trading groups would meet the needs of traders wishing to start their own groups. Members of the panel are mostly from the food distributive trade.

Agricultural Chemicals

MORE APPROVED PRODUCTS

THE following products have been approved under the Agricultural Chemicals Approval Scheme:—

Herbicides

CALOMEL POWDER FORMULATIONS: Berk moss eradicator (Berk, Ltd.).

CALOMEL WITH FERROUS SULPHATE, LAWN SAND FORMULATIONS: Berk moss killer. Berk M.T.S. (mercurised turf sand). (Berk, Ltd.).

MCPA POTASSIUM AND SODIUM SALT FORMULATIONS: J.M.S. MCPA (Stokes Bomford, Ltd.).

Seed Dressings

DIELDRIN DRY DRESSINGS. For overtreatment of wheat seed already dressed with liquid organo-mercury, to reduce attacks of wheat bulb fly on autumn-sown wheat up to December 31:— P.P. dieldrin seed dressing (Plant Protection, Ltd.).

Emergency Treatment

SERVICE FOR DOCTORS EXTENDED

AN emergency treatment service currently run by the British Medical Association in seven regional centres, is being extended to London in the spring. It provides three main services for the doctor—a telephone answering bureau staffed round the clock by trained nurses who will help patients with advice, deal with inquiries on behalf of the doctor and transmit messages for him wherever he may be; a radio telephone connected with his car, and a staff of mobile locums to deal with emergencies whose cars are kept in touch by radio telephone.

Cyanide Poisoning

GRANT AIDS RESEARCH

CO-ORDINATED research into the toxic effects of cyanide is made possible by a grant of up to £15,500 over three years from the Wellcome Trust. The ingestion of small quantities of cyanide has been shown capable of

causing various neurological disorders that may be related to disturbances of vitamin B₁₂ and protein metabolism. Chronic cyanide poisoning may result from smoking, or from the consumption of cyanogenetic compounds in the diet—for example cassava, a root used as a staple food in many tropical countries. Work on those problems has been continuing in Britain and Nigeria, and it is now proposed that there should be a co-operative study under a programme co-ordinated by a group under the chairmanship of Professor R. H. S. Thompson, with Drs. J. Wilson and Edda Hanington as joint secretaries.

IRISH NEWS

THE REPUBLIC

Chemists Criticised

CALL FOR ROTA SERVICE

"HOW much public pressure, how many lives endangered must there be before we can sleep assured that somewhere in everybody's neighbourhood there is a service that for twenty four hours a day will provide the medicine that some, however few of us, may need?" That was a question asked in a leading article in the *Irish Times* on December 29, 1966. The author complained that chemists were being "unfair, illogical and almost inhuman in failing to devise a rota system" on holidays, Sundays and after normal trading hours. On the following day the paper reported "a cool reaction by pharmacists" for its suggestion. Mr. Brendan Smith (secretary, Irish Drug Association) was reported to have said that, if there was any need for the rota, there would already have been an outcry from the public. Mr. M. J. Cashman, (president of the Pharmaceutical Society of Ireland), also maintained that the public was already getting an adequate service from the pharmacist. He had placed a notice on his own shop window over Christmas giving two telephone numbers of premises at which urgent medicines would be supplied. The report continued: Both Mr. Smith and Mr. Cashman mentioned that doctors carry enough drugs to deal with emergencies. Fine Gael's spokesman on health, Mr. Richie Ryan, T.D., thought that the idea of a rota

system might be examined, but added that he had never received a formal approach from any person complaining that the services of a chemist were not available to him.

Pharmacy fire

MUCH EQUIPMENT LOST

A COUNTY Galway pharmacy was badly damaged by fire over the Christmas 1966 period, and two Dublin pharmacies had their windows smashed by vandals. Mr. K. A. Bowman, M.P.S.I., of Dunmore, and his family, were on holiday when his lock-up pharmacy at The Square was gutted by fire on December 27. A top floor, used as a store, was completely destroyed, a large quantity of pharmaceutical and photographic equipment being lost. Local *gardai* and townspeople fought the blaze until the arrival of the fire brigade from Tuam—eight miles away. In Inchicore, Dublin, windows were smashed in the pharmacies of Mr. A. C. Boles, Emmet Road, and of Mr. L. Spollen, 13 Grattan Crescent.

THE NORTH

Local Committee Report

RECORD OF YEAR'S WORK

THE report of the Northern Ireland Local Pharmaceutical Committee for the year ended September 30, 1966, records a continued fall (2,547 fewer over the year) in the number of patients for whom doctors are dispensing. Dispensing practices are one fewer. Prescription forms dispensed during the year totalled 6,445,768 (21.07 per cent. more than in 1964-65). Payments to chemists for prescriptions dispensed during the period February 1, 1965 to January 31, 1966, totalled £5,455,576. £9,485 was paid for rota services after normal hours. All pharmacies inspected by the General Health Services Board's pharmaceutical officer were satisfactory except one that had now ceased to provide a service. 101 of the 103 tests carried out under the drug-testing scheme proved satisfactory. The report puts on record the Local Pharmaceutical Committee's appreciation of the services of Mr. J. F. Rankin who retired from the office of treasurer on September 30.

CO-OPERATIVE WHOLESALING IN EIRE

Pharmacists' company commences operations

A CASH-AND-CARRY wholesale service for chemists in Dublin is being operated from January 5 by the United Pharmacists' Co-operative, Ltd. Most fast-selling lines are claimed available at attractive prices regardless of quantity ordered. The sales office of the enterprise is open on Monday and Thursday evenings from 8 p.m., and the company hopes later to begin a delivery service. Deliveries would, it is understood, be made every two weeks, and the service would be available to the entire country if justified by demand. Membership of the organisation is limited to owners of community pharmacies whose applications have been approved by the management committee, and application forms may be had on request by sending stamped

addressed envelope to the secretary, 149 Lower Drumcondra Road, Dublin, 9. The committee has supplied the following random examples from its price-list (percentages are in addition to the normal retail discounts) — Beecham Group products, 10-15 per cent.; Dunlop Co., Ltd. products, 15 per cent.; Johnson & Johnson (Ireland), Ltd., products, 7½ to 15 per cent.; Rexall Drug Co. products, 10 to 15 per cent.; tissue and toilet rolls, 15 to 20 per cent. The idea of establishing a co-operative among Irish pharmacists was first mooted in the Spring of 1966 when, following two well-attended meetings in Dublin (see C. & D., April 2, 1966, p. 324) approval to go ahead with the venture was given by pharmacists from all parts of the country.

IRISH BREVITIES

THE REPUBLIC

EXTENSIVE damage to premises was caused by a fire at Lilmar Pharmaceuticals, Ltd., manufacturing chemists, Coolock Lane, Santry, Dublin, recently.

NEWS IN BRIEF

A SUPPLEMENT to the second (1964) edition of the catalogue of the National Collection of Industrial Bacteria has been published (H.M. Stationery Office, price 2s.).

IN the election of council for the Proprietary Articles Trade Association, 1967, there were no contested seats, so all sitting members were returned unopposed.

FIRST title, "Conformational Analysis of Organic Compounds" by J. McKenna, in Lecture Series 1966 of the Royal Institute of Chemistry, 30 Russell Square, London, W.C.1, has been published (price 10s.).

THE National Chamber of Commerce is suggesting that local chambers and their members should invite their local Members of Parliament to support the 10s. system of decimal coinage.

PARKE Davis & Co., Inc., U.S.A., are reported in a Reuter dispatch to be considering the purchase of a proprietary drug manufacturing company or alternatively the setting-up of a proprietary division. Advertised proprietaries are understood to account for 20 per cent. of current sales.

THE January amendments to the Drug Tariff, Scotland, revise the prices of aminophylline, B.P., pethidine hydrochloride injection 100 mgm. in 2 mls, strychnine hydrochloride solution, B.P.C., and past. zinc. oxid. et pic. carbon., B.N.F.

SPORT

Golf

IRISH CHEMISTS' GOLFING SOCIETY. New Captain is Mr. Cyril J. Staunton, who was unanimously appointed at the annual meeting of the Society at Elm Park club, Dublin, on December 15, 1966. Messrs. Con. Collis and Kevin Banks replace on the committee Messrs. Joe Smith and Patrick Twohig, who retire under the rotation rule. Mr. Brendan Smith was unanimously reappointed *President*. A vote of sympathy was passed to the treasurer (Mr. J. T. Foley) and Mr. C. Foley on the death of their sister. The secretary (Mr. T. J. Lynch) in his report, said that nine outings had been held during the year in addition to the annual four-day outing at Ballybunion. The outgoing captain (Mr. Frank Reen) he said, had travelled extensively from Cork to fulfil engagements during the year. Mr. Smith had carried out the duties of president with dignity and grace, proving himself a worthy successor to the late Mr. Fahey. The secretary thanked Mr. Foley for "valuable assistance" in carrying out the duties of treasurer. He welcomed new members and looked forward to a further infusion of new blood. The treasurer's report revealed a credit balance of £78. There were 121 paid-up members and £21 had been donated to the Benevolent Fund. The Society's thanks to the "more than generous" donors of prizes was proposed by Mr. Smith. All competitions in the four-day outing are being confined to members elected before May 1. Opening meeting of the season is at Dun Laoghaire in March, and venue for the annual four-day outing in May is Tramore.

TOPICAL REFLECTIONS

By Xrayser

Into another year

IN your editorial survey of the year that has gone, and the main events affecting pharmacy, you summarised in masterly fashion the principal items of the pharmaceutical calendar (p. 621). With commendable restraint you said: "Other examples could doubtless be cited, all contributing to have made 1966 a year of stress for all engaged in pharmacy." I shall cite only one other, and that was the action of the Chancellor of the Exchequer in relation to purchase tax, which resulted in months of stress in Essex Street in order to produce, with remarkably little delay, a new edition of the Quarterly Price List. To paraphrase the elder Weller, whether it was worth going through so much to achieve so little, I leave to Mr. Callaghan. Now, despite the harassing months of grappling with one-tenth of twenty-five per cent, the Year-book and Diary has arrived on time. I have been particularly impressed with the extremely valuable table, on p. 215 of that volume, of drug interactions. Much has been learned, in recent years, of the need for care in selecting a course of treatment that involves the use of more than one drug, for the combined effect may result in an unsuspected incident. It is, therefore, of the greatest assistance to have at hand in the pharmacy a table of known or potential hazards for quick reference. That form of tabulation has been a feature in recent issues, and I have carefully detached and filed some from previous issues of the Year-book, on such subjects as tranquillisers and anti-depressants; anticholinergic drugs; antibiotics, and antihistamines. The file symbolises the thought and careful planning which go into the production of the book, which is invaluable in the day-to-day running of the pharmacy. Taken all round, the weekly issue, the Quarterly Price List, and the Year-book constitute first-class service. Unfortunately, there is a gap. I have never ceased to regret the disappearance of the Annual Special Issue, which was a unique combination of art, history and literature quite unsurpassed in pharmacy, as my bookshelves testify. It was a volume for the connoisseur.

Eye preparations

THE meeting of the Edinburgh Branch of the Pharmaceutical Society, held at Galashiels recently, took a most useful and practical form, and none was better qualified to discuss the question of eye preparations than Mr. G. Smith, of the Department of Pharmaceutical Sciences (p. 605). The recent supplement to the British Pharmaceutical Codex has undoubtedly posed problems, in eye drops and lotions, for the pharmacist who does not rely exclusively on the manufacturing houses for his supplies, and the fact that such a meeting was held suggests that, in Scotland at least, there is still a desire to meet the problems of the dispensing department in the right place. I have considerable sympathy with Mr. J. B. Grosset in his desire to simplify the procedure and, indeed, I have certain unresolved doubts as to the need for such elaborate precautions. The eye is continually exposed to contamination of all kinds in the form of dust, smoke and fog, to name only a few of the daily hazards, and it appears to be capable of dealing with such hazards naturally. And, of course, the most carefully prepared sterile solution is sterile only until it is first used. Nevertheless, we must face the situation created by the B.P.C. and do our best to conform, despite the misgivings of myself and others.

The time has come . . .

IN addressing a meeting of the Hull Branch of the National Pharmaceutical Union, Mr. G. Teeling-Smith said that the status of pharmacy would be improved by restricting the number of pharmacies. That is implicit in the policy of planned distribution at present being studied by the Council of the Pharmaceutical Society. Yet Mr. E. A. Brocklehurst, who is a member of the Society's Council, said that in his opinion the chance of reducing the number of pharmacies was about nil, while Mrs. H. S. Brocklehurst thought the long-needed restriction would come without legislation, as shops that did a poor trade were closing. Mr. J. B. Grosset seems to have been right when he said recently that planning was a matter of urgency.

ROYAL WARRANT HOLDERS 1967 list published

INCLUDED in the full list of royal warrant holders published as a supplement to *The London Gazette* on January 1 were the following:—

To the Queen

AIRWICK, LTD., Slough, Bucks. (Airwick).
ALLEN & NEALE (CHEMISTS), LTD., King's Lynn (chemists).

ELIZABETH ARDEN, LTD., London (cosmetics).
JOSEPH BENTLEY, LTD., Barrow-on-Humber (horticultural chemicals).

BOOTS FARM SALES, LTD., Nottingham (horticultural and agricultural preparations).

BOOTS PURE DRUG CO., LTD., Nottingham (chemists).

BOWATER PACKAGING, LTD., London (packaging materials).

B.G.C. (MARKETING) LTD., London (mineral supplements).

H. BRONNLEY & CO., LTD., (toilet soap).
WILLIAM BUDDLES & CO., London (chemists).

J. W. CHAFER, LTD., Doncaster (agricultural chemicals).

COOPER, McDOUGALL & ROBERTSON, LTD., Berkhamsted, Herts (sheep and cattle dips and veterinary preparations).

CORY BROS. (HOSPITAL CONTRACTS CO.), LTD., London (surgical equipment).

CYCLAX, LTD., London (beauty preparations).

DAY, SON & HEWITT, LTD., London (animal medicines).

FISONS, LTD., Felixstowe (fertilisers).
J. GODDARD & SONS, LTD., Leics. (silver polishes).

HADLEIGH CROWTHER, LTD., Reading (dairy cleansers).

WALLACE HEATON, LTD., London (photographic equipment).

H. J. HEINZ CO., LTD., London (Heinz products).

HYGENOL CO., LTD., Leeds (cleaning polishing and disinfecting materials).

IDRIS, LTD., London (mineral water, fruit beverages).

M. L. IRONSIDE, Ballater (chemist).

JEYES' GROUP, LTD., Barking (disinfectants).

G. B. KENT & SONS, LTD., London (brushes).

KODAK, LTD., London (photo supplies).

LEVER BROS. AND ASSOCIATES, LTD., London (soap).

LONDON ESSENCE CO., LTD., London (cleaning compound).

MURPHY CHEMICAL CO., LTD., Wheathampstead (agricultural insecticides).

A. NELSON & CO., LTD., London (chemists).

A. & F. PEARS, LTD., London (soap).

THOMAS PETTIFER & CO., LTD., Northampton (animal medicines).

PHILIPS, SCOTT & TURNER CO., Surbiton (DeLrosa).

PRICE'S PATENT CANDLE CO., LTD., London (candlemakers).

PROCTOR & GAMBLE, LTD., Newcastle-on-Tyne (soap and detergents).

RANK ORGANISATION, LTD. (audio visual division). London (cine equipment).

RECKITT & SONS, LTD., Hull (metal polish, antiseptics and disinfectants).

C. J. REID (ETON), LTD., Eton (chemist).

RENTOKIL LABORATORIES, LTD., East Grinstead (woodworm, dry rot and rodent control).

ROBERTS WINDSOR, LTD., Windsor (toilet soap).

ROGER & GAILLET, Paris, France (soap).

L. ROSE & CO., LTD., St. Albans, Herts (lime juice cordial).

SANITAS CO., LTD. (Sanitas).

SAVORY & MOORE, LTD., London (chemists).

SCHWEPES, LTD., London (mineral water).

SHEPHERD'S AEROSOLS, LTD., Frant (Aerovap).

SPILLERS, LTD., London (dog foods, etc.).

THAWFIT, LTD., Brentford, Middx. (Thawfit).

THERMOS, LTD., London (vacuum vessels).

VITAX, LTD., Ormskirk (fertilisers, insecticides).

WALLACE, CAMERON & CO., LTD., Glasgow (Ultraplast first-aid dressings).

WILKINSON SWORD, LTD., London (sword cutlers).

YARDLEY & CO., LTD., London (soap).

To Queen Elizabeth the Queen Mother

ELIZABETH ARDEN, LTD., London (cosmetics).
H. BRONNLEY & CO., LTD., London (toilet soap).

CARTERS (J. & A.), LTD., London (invalid furniture).

D. R. HARRIS & CO., LTD., London (chemists).

WALLACE HEATON, LTD., London (photograph equipment).

IDRIS, LTD., London (fruit beverages).

LEVER BROS., AND ASSOCIATES, LTD., Port Sunlight, Cheshire (soap).

A. NELSON & CO., LTD., London (chemists).
PROCTOR & GAMBLE, LTD., Newcastle-on-Tyne (soaps and detergents).

ROBERTS WINDSOR, LTD., Windsor (toilet soap).

SAVORY & MOORE, LTD., London (chemists).
SCHWEPES, LTD., London (mineral water).

WALLACE, CAMERON & CO., LTD., Glasgow (Ultraplast first-aid dressings).

YARDLEY & CO., LTD., London (perfume and soap).

To the Duke of Edinburgh

BEKEN & SON, LTD., Cowes, I.O.W. (marine photographers).

WALLACE HEATON, LTD., London (toilet requisites).

PENHALIGON'S, LTD., London (toilet requisites).

RONSON PRODUCTS, LTD., London (electric razors).

SAVORY & MOORE, LTD., London (chemists).
WILKINSON SWORD, LTD., London (sword cutlers).

To the late King George VI

BOVRIL, LTD., London (Bovril).

J. FLORIS, LTD., London (perfumers).

HORLICKS, LTD., Slough (malted milk).

OXO, LTD., London (Oxo).

RYVITA CO., LTD., Leicester (Ryvita).

SODASTREAM, LTD., Harlow (soda water machine manufacturers).

To the late Queen Mary

F. G. DE FAYE, LTD., Jersey (perfumers).

IDRIS, LTD., London (mineral water).

SAVORY & MOORE, LTD., London (chemists).
STEINER, London (hairdressers and perfumers).

YARDLEY & CO., LTD., London (perfumers).

To the late King George V

BEKEN & SON, Cowes, Isle of Wight (chemists and druggists).

NEW YEAR HONOURS

Two pharmacists given British Empire medals

THE New Year Honours list announced on January 1 included the following:—

Companions of Honour

SIR WILLIAM L. BRAGG, O.B.E., M.C., "for services to science."

Knights Bachelor

MR. F. C. BAWDEN (director, Rothamsted experimental station).

MR. M. W. PERRIN, C.B.E. (chairman (treasurer), board of governors, St. Bartholomew's Hospital, London; chairman, Wellcome Foundation, Ltd.).

C.B.

(*Commander of the Order of the Bath*)

Mr. D. EMERY (an under-secretary, Ministry of Health).

D.B.E.

(*Dame Commander of the Order of the British Empire*)

DR. ALBERTINE L. WINNER, O.B.E., M.D., F.R.C.P. (deputy chief medical officer, Ministry of Health).

O.B.E.

(*Officer of the Order of the British Empire*)

MR. R. A. GLASSON (lately man-

aging director, Johnson's Ethical Plastics, Ltd.).

MR. W. J. JEPSON (general secretary, Confederation of Health Service Employees).

MR. R. H. KIRBY (assistant director, Tropical Products Institute, Ministry of Overseas Development).

MR. A. McKENZIE (chief executive officer, Scottish Home and Health Department).

MR. T. H. PRICE (a managing director, Unigate, Ltd.).

M.B.E.

(*Member of the Order of the British Empire*)

MR. H. F. BROWN (export sales manager, Bowater-Scott Corporation, Ltd.) "for services to export."

MR. E. J. CAMP, M.P.S., (chief pharmacist, H.M. Prison, Liverpool).

MR. G. P. GUYATT (manager, export department, United Yeast Co., Ltd.), "for services to export."

MR. E. H. KNIGHT (senior experimental officer, Animal Virus Research Institute, Pirbright, Surrey).

MISS CHRISTOBEL E. MOZLEY-STARK, F.P.S. (main grade, departmental professional class (pharmacist), Ministry of Health).

"AN EXTRAORDINARY PROSECUTION"

Pharmacist fined for practising though no longer registered

ALTHOUGH disqualified because of non-payment of his annual registration fee to the Pharmaceutical Society, Mr. John Charles Ratcliffe, High Street, Poole, continued to act as a pharmacist at a local pharmacy. Poole magistrates were told on December 31, 1966. Mr. Ratcliffe was accused of using a certificate of registration issued under the Pharmacy Acts with intent to deceive and, having ceased to be a registered pharmaceutical chemist, failing to transmit the certificate to the Registrar. For the Pharmaceutical Society, Mr. N. H. Lowe said that prosecutions were

the first in the country for those particular offences. Mr. Ratcliffe, who pleaded guilty, was fined £8 for the first offence and £2 for the second. The owners of the pharmacy, Randall Chemists (Poole), Ltd. were fined £10 for selling codeine phosphate while not being authorised so to do. Each had to pay £10 costs.

Mr. Lowe said that letters were sent to Ratcliffe by the Pharmaceutical Society on January 20 and May 6, 1966, requesting payment of the statutory registration fee but the fee was not paid and, as a result, on July 6,

1966, the Society informed Mr. Ratcliffe that he had been removed from the register. Until his name was restored he was not entitled to act as a pharmacist, said Mr. Lowe, and he should by law have returned his certificate. But he continued to display the certificate and to sell poisons. On July 29, 1966, an inspector of the Society called at the shop and bought a packet of codeine tablets and then asked for the pharmacist. Mr. Ratcliffe was surprised at his visit and said he thought his employers had paid his fees for him a few days previously. There had been previous occasions when Ratcliffe had failed to pay his fees on time, added Mr. Lowe. In 1965, he had said his mother died, that he was suffering from financial troubles, and that he was only paid £19 a week for running the pharmacy. He had the impression that the fees were going to be paid by the company.

A "Gross Oversight"

Representing Ratcliffe, Mr. Ian Miller said that his client, merely because he did not pay his registration fee in one year, was not deprived of his professional qualifications, though deprived of his right to practice. "This is not the case of a totally unqualified person setting up in business and selling lethal poisons. This is a case of a chemist who, through a gross oversight, simply forgot to renew his registration certificate. He knows this should have received his attention. It was primarily due to his forgetfulness due to personal circumstances. His mother died earlier in the year. There had been difficulties over the estate, and he was upset and distracted. He was not strictly entitled to serve poisons, but the withdrawal of the registration did not affect his professional ability. He has now been reinstated, and is legally entitled to act." The solicitor said Mr. Ratcliffe had been qualified for twenty-five years and realised that it was his responsibility and not the company to pay the registration fee. He promised to pay promptly in the future. "This prosecution has been a serious shock to him," said Mr. Miller. "If the object was to teach members of this profession that they cannot fail to pay their fees, it has been successful. Mr. J. M. Wallace, for Randall Chemists (Poole), Ltd. said: "This is an extraordinary prosecution. We have been told it is unique. Let us hope it is the last. The company knew nothing about this matter until the test purchase had been made. It is not suggested that there is any element of mischief. This case is about a member of the Society who failed to pay his subscription and nothing more. Whether it is right that it should have been brought is another matter. For some reason best known to themselves the Society did not think it worthwhile to notify his employers. They sent an inspector and then issued a summons against the company for selling poisons through someone who is not an authorised seller. Technically that is true. The subscription was paid on August 3, a week afterwards and, I think, before the employers knew there

was anything wrong. Short of lining their managers up and asking them to prove that they had paid their subscriptions — which would probably have brought complaints of lowering the dignity of the profession — there was no way of the firm knowing whether fees had been paid. Unlike a driving licence, the certificate does not state the date of expiry. However, the Society has now agreed to let the company know in future whether fees have been paid if they are provided with a list of pharmacist managers. "But they kept the employers completely in the dark in this case." Announcing the penalties, the magistrates' chairman said: "It was the responsibility of the owners to see that everything was in order, but there are mitigating circumstances."

COMPANY NEWS

Previous year's figures in parentheses

GLAXO RESEARCH, LTD.—Drs. W. F. J. Cuthbertson and T. Walker have been appointed directors of the company. Dr. T. F. Macrae has retired from the board.

ROUSSEL LABORATORIES, LTD.—Mr. K. H. R. Collard, B.A., M.P.S., has been appointed managing director. He succeeds Mr. J. G. Machizaud, who has been appointed deputy chairman.

STANLEY WESTON GROUP, LTD.—Mr. Ralph Weston, M.P.S., has been appointed chairman of the group and will retain his position as managing director of R. Weston (Chemists), Ltd., and L. C. Whittaker & Co., Ltd. The retiring chairman (Mr. Stanley Weston) will remain on the board as consultant director and vice-chairman.

CALMIC, LTD.—Mr. Frank Dunkerley (chairman of the company since its inception in 1932), has been appointed president. Dr. Fred Wrigley (a director of the company and overseas director, of the Wellcome Foundation, Ltd., which has a major interest in Calmic, Ltd.), has been appointed chairman. Calmic, Ltd. Mr. David Godfrey (commercial director, Calmic, Ltd.), has been appointed general manager on the board.

YARDLEY & CO., LTD.—The company's board has recommended its shareholders pending a further announcement from Mr. T. L. Gardner (chairman), not to dispose of their shares following a bid of £23.7m. cash for the company by British-American Tobacco Co., Ltd. For the "A" Ordinary shares, which carry one vote for 20 shares, 22s. 6d. each is offered. The Ordinary shares carrying five votes are understood to be mainly held by members of the Gardner family.

VESTRIC, LTD.—Following the return of Mr. S. M. Lennox to British Drug Houses, Ltd. (C. & D., November 12, 1966, p. 466), Mr. J. S. Cuthbert (formerly regional director, Scotland) joins the board at the Vestric head office in Runcorn as operations director. Mr. P. M. Worling, F.P.S. (formerly branch manager, Ruislip), has succeeded Mr. Cuthbert as Scottish regional director based in Edinburgh. Mr. S. J. Windsor, M.P.S., has succeeded Mr. Worling at Ruislip.



Mr. J. S. Cuthbert.



Mr. P. M. Worling.

NEGOTIATIONS have been concluded by three companies for the setting up of a new company to handle paper tissues, etc., along the lines announced in *THE CHEMIST AND DRUGGIST*, October 29, 1966 (p. 418). The new company, **BRITISH TISSUES, LTD.**, with a capital of £5 million, merges the tissue interests (which include facials, toilet rolls, towels and napkins), of Associated Tissues, Ltd. (jointly owned by Wiggins, Teape & Co., Ltd., and Smith & Nephew Associated Companies, Ltd.), Peter Dixon & Son (Holdings), Ltd., and the Inveresk Paper Co., Ltd. These interests, which have net assets in excess of £10 millions comprise eleven paper machines and their conversion plants (current annual production 70,000 tons) together with existing marketing organisations. The share capital of British Tissues, Ltd., has been divided in the proportion of assets which each member has contributed. As a result, Associated Tissues will hold 41.1 per cent., Peter Dixon 34.2 per cent. and Inveresk Paper 24.7 per cent. Chairman of the new company is Mr. Stephen N. Steen (Associated Tissues). Other board members are Messrs. N. J. M. Bennett and K. R. Kemp (Associated Tissues), Peter J. Dixon and Philip H. Dixon (Peter Dixon & Sons) and T. G. Cunane and R. Munro (Inveresk Paper). Mr. Philip Dixon becomes executive director and Mr. H. E. Dempsey general manager.

IMPERIAL CHEMICAL INDUSTRIES, LTD., CIBA, LTD., and ILFORD, LTD.—Imperial Chemical Industries, Ltd., who already own or control approximately 34.5 per cent. of the issued Ordinary capital of Ilford, Ltd., are making an offer of £9.17m. for the rest of the capital — 7s. nominal of 7½ per cent. Unsecured Loan stock 1986-91 of I.C.I. for each Ordinary share of 5s. in Ilford, Ltd. If the offer is successful, CIBA United Kingdom, Ltd. (the wholly owned U.K. subsidiary of CIBA Basle), would thereafter acquire from I.C.I. a total of 40 per cent. of the share capital of Ilford subject to Exchange Control consents being given. The offer is being recommended for acceptance by the board of Ilford. For the 40 per cent. share Messrs. CIBA will pay I.C.I. 7s. per share in cash in two approximately equal instalments, the first being acquired immediately and the balance within a period of three years. The results of Ilford, Ltd., for the year ended October 31, 1966, become avail-

able towards the end of January. Profits before tax for that year, subject to final audit, are of the order of £1,200,000 of which £274,000 represents investment income, compared with £1,556,000 for the preceding year. Profits are expected to show recovery to £1.5m, in the year ending October 31. A third interim dividend in lieu of any final dividend of 6 per cent., is being declared for the year ended October 31, 1966, making a total dividend for that year of 9½ per cent. Under the I.C.I. offer, accepting shareholders will be entitled to retain this dividend. It is announced as the aim of I.C.I. and CIBA to combine their efforts in furthering the world-wide expansion and development of Ilford, Ltd., which will, however, maintain its separate identity and continue to trade under its existing name and marks.

BUSINESS CHANGES

THE Oporto branch of the British-Portuguese Chamber of Commerce (Inc.) is now at Rua Sá da Bandeira, 784-2° E.F. Porto, Portugal.

CAMBRIAN CHEMICALS LTD., are removing to 73 Cherry Orchard Road, Croydon, CR9 6AG England (phone: (01)-688-0066) on January 23.

STERISEAL, LTD., advise that correspondence concerning their range of disposable products should be addressed to Steriseal division, Needle Industries, Ltd., Studley, Warwicks. (telephone: Studley 2301).

SIREX, LTD., are opening a northern sales office at 77 Lancaster Park Road, Harrogate. Mr. R. Goldsborough has been appointed area sales manager for the North.

CHESEBROUGH-POND'S, LTD., Victoria Road, London, N.W.10, have formed two new selling divisions — toiletry and beauty division (Vaseline, Pond's, Odorono, Q-Tips, Clearway products) and cosmetic and health division (Cutex, L'Onglex, Angel Face, Flawless and Complex D). Mr. G. Fearnley remains general sales manager with Mr. E. Greenfield responsible for the toiletry division and Mr. L. Keen for the cosmetic division. Messrs. P. Conen, G. D. Searle, E. Jackson and B. Noakes are to join the company's area management.

Appointments

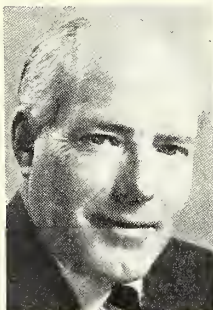
KELDON, LTD., Wadsworth Road, Perivale, Middlesex, have appointed Mr. M. W. Tytherleigh representative to cover the London area, Mr. Tytherleigh replaces Mr. G. Blake who has retired.

PERSONALITIES

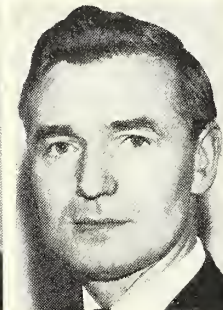
MR. R. J. HOLT, chief pharmacist at the City Hospital, Derby, since 1948, has retired. Mr. Holt, who began his career as a student associate in pharmacy in Pembrokeshire, received a number of gifts on behalf of the staff. Before going to Derby, Mr. Holt was in the pharmacy department at St. Thomas' Hospital, London. He will spend his retirement in Dorset.

MR. DAVID GODFREY, B.Pharm., whose new appointment with Calmic,

Ltd. is announced on p. 5, qualified as a pharmacist at London University in 1951. He was in retail pharmacy before joining the Wellcome Foundation, Ltd., in 1956 as a medical representative in the West Midlands; became a marketing executive in 1957; and was appointed overseas marketing executive in 1959. He took up an appointment as manager of the commercial development department of the Bayer-Winthrop group in 1961, becoming director of commercial development and joined Calmic, Ltd., as commercial director in March 1966.



Dr. F. Wrigley.



Mr. D. Godfrey.

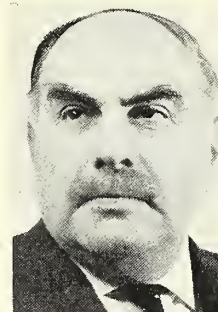
DR. FRED WRIGLEY, M.R.C.S., L.R.C.P., M.P.S., the new chairman of Calmic, Ltd. (see p. 5) qualified as a pharmacist at Manchester University, to which he returned later to study medicine after holding a managerial post in industry. In 1945 he was appointed director of clinical research with Roche Products, Ltd., and in 1952 medical director of CIBA, Ltd., in Canada, becoming manager of the pharmaceutical division and assistant general manager of the whole CIBA operation in Canada. He returned to the U.K. in 1955 to become general sales manager (medical) with the Wellcome Foundation, Ltd. In January 1957 he was promoted general sales manager and in September 1957 elected to the board as sales director. He has been overseas director since September 1960.

MISS CHRISTOBEL E. MOZLEY-STARK, F.P.S., who is made an



M.B.E. in the New Year Honours list (see p. 4), received her education in Streatham and Portsmouth, qualifying as a pharmaceutical chemist from Portsmouth Municipal College in 1934. After retail experience she worked for seven-and-a-half years at Lewisham Hospital before being seconded to the Ministry of Health in October 1941. At the Ministry Miss Mozley-Stark has been associated with the retail pharmacists' services in the National Health Service. She is a former president of the South-west London Chemists' Association and is its present treasurer.

MR. S. N. STEEN, chairman of the newly formed British Tissues, Ltd.



(see p. 5) is a deputy chairman of Smith & Nephew Associated Companies, Ltd., and of Jeyes Group, Ltd., and has been a director of Associated Tissues, Ltd., since its formation in May 1961. He joined Messrs. Smith & Nephew in 1958 when the company's merger of Arthur Berton, Ltd., and Southalls, Ltd., took place. Mr. Steen was at that time deputy chairman of Arthur Berton, Ltd.

MR. N. APPLETON, B.Sc., M.P.S., recently appointed publicity director of the Bayer Products Co.,

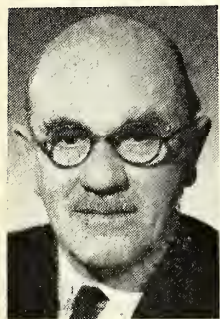
Surbiton, Surrey, studied art in his hometown of Belfast and in Sweden. Mr. Appleton then served an apprenticeship in retail pharmacy before qualifying at Queen's University, Belfast, in 1958. Subsequently he joined Beecham Research Laboratories and later gained advertising experience in two London agencies on the creative supervision of pharmaceutical accounts. Prior to joining Messrs. Bayer sixteen months ago as publicity controller, Mr. Appleton was advertising and sales promotion manager with The British Drug Houses, Ltd.

MR. C. STAUNTON, M.P.S.I., the forty-first captain of the Irish Chemists' Golfing Society,



has been in continuous membership since 1957 rejoining in that year (he had been a member also in 1939-41). Mr. Staunton was educated at St. Nathy's college, Ballaghaderreen, and served his apprenticeship in his father's pharmacy, qualifying in 1935. He became manager of the Henry Street, Dublin, branch of Hayes, Conyngham & Robinson, Ltd., before joining, in 1936, the staff of Evans Medical (Ireland), Ltd., with whom he remained for twenty-one years as medical and chemists' representative. In 1957 he was appointed a director and the general manager of the company, of which he is now managing director.

MR. MICHAEL W. PERRIN, C.B.E., F.R.I.C., who has been created a knight



bachelor (see p. 4) is chairman of the Wellcome Foundation, Ltd., and chairman (treasurer) of the board of governors, St. Bartholomew's Hospital, London. He is also a member of the council of the Zoological Society. Mr. Perrin was born in Canada in 1905, was educated at Winchester and Oxford (where he took a degree in chemistry) and at Toronto (where he carried out research in physics for an M.A. degree). In 1929 Mr. Perrin joined Imperial Chemical Industries, Ltd., and was in charge of the research team that discovered and developed polythene. In 1941 he was seconded to the Department of Scientific and Industrial Research as assistant director of tube alloys (the cover name for the war-time atomic energy organisation). From 1946 to 1951 Mr. Perrin was deputy controller of atomic energy (technical policy) with the Ministry of Supply, and for his work in connection with atomic energy he was awarded the O.B.E. in 1946 and the C.B.E. in 1952. In 1951 he rejoined I.C.I. as research adviser, and was appointed chairman of the Wellcome Foundation, Ltd. in 1953.

MR. H. TREVES BROWN, a director of The British Drug Houses, Ltd., has retired from the company after eighteen years' service. To mark the occasion Mr. F. W. Griffin (managing director) made a presentation to him on behalf of staff. Mr. Treves Brown was also guest of honour at a farewell dinner given by his fellow directors. After qualifying as a pharmaceutical chemist in 1928, he obtained a general degree in science and subsequently the special degree in chemistry. For some years afterwards he was research assistant to the editor of the British Pharmaceutical Codex at the Pharmaceutical Society, later joining Glaxo Laboratories, Ltd., from whom he was seconded to the Ministry of Food during the 1939-45 war. He joined B.D.H. in 1949 as company secretary and he was also responsible for personnel matters. On company reorganisation in 1964 Mr. Treves Brown was appointed secretary, B.D.H. Group, Ltd. An active worker for the British Pharmaceutical Conference, Mr. Treves Brown was appointed joint honorary general secretary of the Conference in 1944, honorary treasurer in 1953, and was chairman of the Conference in 1958 at Bournemouth, his address being on patents in pharmacy and medicine. Mr. Treves Brown has also contributed to pharmacy as an industry as well as a profession, in that he represented B.D.H. on the Association of Chemical and Allied Employers drug and fine chemical group) and was chairman of the group and also of the Drug and Fine Chemical Joint Conference. (Picture of presentation on page 1).

MARRIAGES

FISHER-BURKE.—At Holy Trinity Church, Bingley, Yorks, on December 28, Stewart John Fisher, M.P.S., 19 Bradford Road, Bingley, to Julia Marian Burke, One Ash, Bradford Road, Bingley.

DEATHS

BRAIN.—On December 29, 1966, Lord Brain, F.R.S., D.M., F.R.C.P., a former president of the Royal College of Physicians of London and of the British Association, aged seventy-one. Lord Brain was a celebrated neurologist who devoted much of his time to public service. He was chairman of the Interdepartmental Committee on Drug Addiction which recommended the establishment of treatment centres, restriction of the prescribing of heroin and cocaine to the medical staffs of those centres, and the setting up of a permanent standing committee (see *C. & D.*, November 27, 1965, p. 540). The government accepted the committee's recommendations and Lord Brain was appointed chairman of the new committee (see *C. & D.*, November, 1966, p. 437).

CAHILL.—On December 27, 1966, Mrs. Rena Cahill, Anna Villa, Ranelagh, Dublin, Eire, mother of Mr. Joseph Cahill, M.P.S.I. (assistant registrar, Pharmaceutical Society of Ireland).

CLARK.—On December 12, 1966, Mr. James Smellie Clark, M.P.S., 421 Cambusnethan Street, Wishaw, Lanarks. Mr. Clark qualified in 1921 and took over a pharmacy in Manse Road, Newmains. He was secretary of the Larnarkshire Branch of the Pharmaceutical Society for a period and was active in local community affairs, holding many offices, including the presidency of the Newmains Public Interest Committee.

HALL.—On December 14, 1966, Mr. Horace Tom Hall, M.P.S., 90 Bromley Heath Road, Downend, Bristol. Mr. Hall qualified in 1920.

MCCARTHY.—Recently, Mr. Denis F. McCarthy, M.P.S.I., 17 Wigan Road, Glasnevin, Dublin, Eire. Mr. McCarthy qualified in 1930. A native of Tullamore, he had been in failing health for some time.

MOGLIA.—Recently, Mrs. Lilian Mary Moglia, wife of Mr. Jack Moglia, M.P.S., group chief pharmacist at Doncaster Royal Infirmary.

PATON.—On December 6, 1966, Mr. William McCracken Paton, M.P.S., 8 Broomknoll Street, Airdrie, Lanarks. Mr. Paton qualified in 1934 and commenced business in Airdrie in 1938.

RICHARDS.—Suddenly, on December 30, 1966, Mr. Montague Truscott Richards, M.P.S., 1 Chester Road, Newquay, Cornwall, aged forty-eight. Mr. Richards qualified in 1942.

SMALLWOOD.—On November 26, 1966, Mr. Frederick William Smallwood, F.P.S., 19 Brookside Avenue, Kenilworth, Warwicks. Mr. Smallwood qualified in 1898.

SULLIVAN.—Unexpectedly on December 21, 1966, Mr. J. Joseph Sullivan, M.P.S.I., 5 Rochester Avenue, Dun

Laoghaire, who was one of the best-known and longest-serving pharmaceutical representatives "on the road." Mr. Sullivan was attending a conference of his employers—Dista, Ltd.—in a Dublin hotel when he collapsed and died. A native of Listowel, co. Kerry. Mr. Sullivan, who was aged fifty-eight, served his apprenticeship in Maguire's pharmacy, Listowel. After qualifying in 1933 he occupied a number of positions as manager of pharmacies, including that belonging to Todd Burns, Ltd. at The Curragh Camp, and Cahills of Dorset Street. Turning to a career as medical representative, he joined the firm of Eli Lilly and later served with Sandoz, a position he held for many years. After further experience in general practice and as a compounding for Dublin Health Authority, he took up a position with Dista, Ltd. A founder-member of the Irish Pharmaceutical and Medical Representatives' Association, and a former vice-president, Mr. Sullivan took an extremely active interest in all matters relating to his profession and rarely missed an annual meeting of the Society. He is survived by his widow and family. The I.P.M.R.A. was represented at his funeral by Mr. Michael Martin (president), and Mr. T. MacGiolla Riogh (secretary).

THOMAS.—On December 21, 1966, Mr. George Edward Thomas, M.P.S., The Script, 11 Averly Lane, Farnham, Surrey, aged sixty-six. Mr. Thomas qualified in 1923 and began business in Downing Street, Farnham, in 1949, retiring about a year ago. A feature of his pharmacy was the carboy he kept outside his window, and with which from time to time he used to raise funds for various good causes. The coins and banknotes placed in it by generous passers-by were visible through the glass, thus encouraging further contributions from the charitably-minded. His most notable effort was the raising of money for a local St. John Ambulance station. Mr. Thomas is survived by his widow and two daughters.

TRENCHARD.—On December 1, 1966, Mr. James Albert Trenchard, M.P.S., 144 Leytonstone Road, London, E.15. Mr. Trenchard qualified in 1922.

VAHALA.—On November 10, 1966, Mr. Sidney Anthony Vahala, M.P.S., Flat 2, 16 Fennel Street, Loughborough, Leics. Mr. Vahala qualified in 1966.

EXPANSION PROJECTS

EXTENSIONS to the hydroquinone plant of May & Baker, Ltd., Dagenham, Essex, are expected to become operative during 1967. The extensions, costing £250,000, will, with modifications to the existing plant, substantially increase the company's productive capacity in hydroquinone.

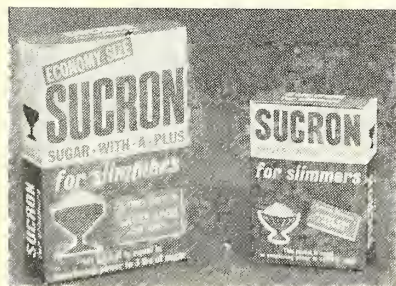
ADDITIONAL subsidiary companies are being formed by Fisons, Ltd., in Holland, Germany and Italy, as a basis for further expansion within the Common Market. The subsidiaries will undertake the development, registration and marketing of specialised chemical products of Fisons research.

TRADE NOTES

Change of Distributors. — Scram Products, Ltd., announce that Scram is now distributed in Great Britain and Northern Ireland by Vestric, Ltd., Runcorn, Ches.

Change of Size. — Scott & Bowne, Ltd., 50 Upper Brook Street, London, W.1, point out that their Aqua Velva after-shave lotion is in new size and at a new price.

"Economy-size" Pack. — A new economy size pack containing 12 oz. of Sucron has been produced by Ashe



Laboratories, Ltd., Ashetree Works, Kingston Road, Leatherhead, Surrey, and is here shown along side the previous smaller size pack.

Discontinued. — Dista Products, Ltd., Fleming Road, Speke, Liverpool, 24, have discontinued issuing the following products, and no further supplies are available: Penspek and Penspek sulphate tablets; Penspek syrup; Streptaquaine cartridges; Solupen (vial of 0.2 mega units), Direma (25 tablet packs of the 25-mgm. and 50-mgm. tablets; the 100- and 500-tab/et packs remain available); Zynocin lozenges.

First Issues of New Coded Tablets. — Eli Lilly & Co., Ltd., Basingstoke, Hants, announce that distribution is now commencing of the first preparations bearing the new "Identi-code" (see C. & D., July 2, 1966, p.10). (Pulvules'

Tuinal, sodium Amytal and Seconal sodium). The size of certain Pulvules has had to be increased slightly in order to facilitate the imprinting, but contents are unaltered. Other Lilly Pulvules and tablets are being coded progressively over the coming months.

Change of Distributor. — A licensing agreement has been made between Cussons Sons & Co., Ltd., Kersal Vale, Manchester and Uhu-Werk, H.u.M., Fischer, Baden, West Germany, under which Messrs. Cussons become sole United Kingdom concessionaires for



Badedas bath additive. The product is being distributed through chemists, department stores and beauty salons. Packs, in five sizes, are tubes graduated to show the quantity per bath and polythene bottles with measuring-cap closures.

No Longer Price-maintained. — Following the decision of the British Electrical and Allied Manufacturers' Association not to proceed with its case for the retention of resale price maintenance, REMINGTON ELECTRIC SHAVERS, LTD., 26 Kensington High Street, London, W.8, and RONSON PRODUCTS, LTD., Leatherhead, Surrey, announce that they have discontinued price control of their ranges of products. Messrs. Ronson point out that

they have reluctantly come to that decision, having decided that no grounds exist on which they could successfully argue the case for retaining price maintenance.

Recalled for Replacement. — Carmen Curler Co., Ltd., 9 George Street, London, W.1, regret that, shortly before Christmas 1966, a consignment of Carmen 7 and Carmen 11 hair curlers arrived from Denmark with a component unsuitable for the United Kingdom market. The error was unfortunately not discovered until some of the machines had been dispatched and there was no means of determining their present location, so Messrs. Carmen ask stockists whose customers have any cause for complaint to accept the return of the faulty Carmens without question and with the company's apologies. The offending products should then be sent back to Messrs. Carmen for replacement (not replaced from the shelves). Messrs. Carmen undertake to replace the machine immediately and to bear all costs involved in regard to transport, postage, etc. The announcement does not apply to any Carmen 7's or 11's distributed before December 12, 1966, nor to any Carmen 17's or 18's.

Certificate of Merit. — Beecham food and drink division, Great West Road, Brentford, Middlesex, have been awarded a certificate of the Royal Institute of Public Health and Hygiene for their product Carella. The certificate acknowledges that the product has fulfilled the "standard of quality and merit required" by the Institute.

Competitions

Dinghy Championship. — The Optrex trophy for the Mirror dinghy championships to be held at Plymouth, August 7-11, is again a pair of binoculars for the skipper of the winning dinghy and a cheque for the crew.

"Mammoth" Entry. — A four-week Personna razor blade promotion, the "Win a Watch and a Bottle of Bubbly" competition, organised throughout October 1966, by Ever-Ready Personna, 26 Bedford Row, London, W.C.1, attracted just over 95,000 entries, it was announced recently.

Bonus Offers

BURROUGHS WELLCOME & Co., 183 Euston Road, London, N.W.1. Marzine. Thirteen invoiced as twelve on order for 3 doz.; fourteen invoiced as twelve on order for 6 doz.; deferred payment term on order for 12 doz. or more. Orders for 5 doz. or more carriage paid.

CHESEBROUGH-PONDS, LTD., Victoria Road, London, N.W.10. Clearway. Twelve invoiced as ten. Till February 28.

H. J. HEINZ CO., LTD., 103 Mount Street, London, W.1. Heinz baby foods. Free case 4½-oz. cans from top twenty varieties of junior foods on order for fifteen cases cans, jars, strained or junior varieties.

Premium Offers

KIMBERLY-CLARK, LTD., Larkfield, nr. Maidstone, Kent. Kleenex Kitchen Towels twin pack. Fourpence off (introductory offer).



LUXURY WITH AN ENGLISH EMPHASIS: Luxury toilet soaps in boxes of three in English roses, English violets, English lavender and English fern fragrances — a series by H. Bronnley & Co., Ltd., 10 Conduit Street, London, W.1.



AEROSOLS FOR ANIMALS: Left, Aerosol Chloromycetin tincture colourless for veterinary use in the treatment of infected surgical or traumatic wounds; right, Aerosol Chloromycetin tincture for use in treating contagious foot rot in sheep, wounds and local infections. Makers are Parke Davis & Co., Staines Road, Hounslow, Middlesex.

Information for Manufacturers

A Service in Psychological Research.—Since Dr. Ernest Dichter formed his organisation for psychological research in marketing and communications in the autumn of 1946, the Institute for Motivational Research has completed more than 3,000 studies for clients in almost every area of manufacturing, advertising and selling. He has now established an office in London at 30 Eastbourne Terrace, W.2. Headed by Miss Barbara Williams (previously research director of the Institute in New York) the London office will operate its own field analysis and report-writing operations.

International Freight Co-operation.—Evan Cook, Ltd., 134 Queens Road, London, S.E.15, with its subsidiaries in Belfast, Liverpool and Birmingham and in conjunction with BOC Holland, N.V., are providing British exporters and importers with a new integrated road freight service to and from the Continent. Designed to help the small exporter and importer as well as the large company the "groupage" system of combining several part loads on one vehicle has been adapted. A speedy service is claimed by the fact that Customs approved warehouses are established in London and Arnhem, Holland; the goods being in the customers' hands within 24 hours of their leaving Arnhem. The burgomaster of Arnhem (Mr. C. G. Master), attended a reception in London recently to launch the venture.

Management Consortium.—To assist companies in the application to their businesses of modern techniques of management a new company, R. & D. Management Advisory, Ltd., 22 Seymour Street, Portman Square, London, W.1, has been set up. The directors (Messrs. G. E. Turfitt, D.Sc., Ph.D., F.R.I.C., A. J. A. Backwith, M.Inst. M.S.M., M.Inst.Pckg., and J. A. Radley, M.Sc., F.R.I.C., F.S.D.C.) and their Associates in the United Kingdom and America combine experience in commerce, research and development organisation and direction, science and technology, market investigations and consultancy, while additional facilities available to clients include chemical and microbiological research and development, contract manufacture of chemically based products; clinical trials; advisory services on packaging patents and trade marks.

NEW PRODUCTS AND PACKS

PHARMACEUTICAL SPECIALITIES

Treatment for Asthmatic Bronchitis.—Brocades (Great Britain), Ltd., Trend House, Pyrford Road, West Byfleet, Surrey, launched on January 2 a new speciality, Brontisol for the treatment of asthmatic bronchitis, chronic bronchitis and asthma. Brontisol is described as a micronised suspension of depropine citrate (a Brocades research product) and isoprenaline hydrochloride in an inert propellant. Clinical work, say the manufacturers, has demonstrated that an aerosol of depropine citrate produces a significant and prolonged bronchodilation, but one of slow onset. By adding isoprenaline hydrochloride it is possible to obtain a quick and uniformly prolonged duration of effect. Maximum response is reached within 5-10 minutes and remains at that level for at least four hours. Brontisol is also understood to control hypersecretion and to reduce swollen mucosa. The product is available as a complete unit with mouthpiece. Each aerosol contains 300 measured inhalations, representing between twenty-five and forty days' treatment.

Triple Sulphonamide.—Pharmaceutical Specialities (May & Baker), Ltd., Dagenham, Essex, have introduced a new speciality Novotriad, combining sulphadimidine, sulphadiazine, and sulphafurazole. Novotriad is indicated in the treatment of sulphonamide-sensitive infections by *E. coli* β -haemolytic streptococci, pneumococci, meningococci, *Haemophilus ducreyi* and shigellae. Main indications for treatment are acute infections of the urinary tract and infections of the upper respiratory tract. The new formulation combines three of the most active and well tolerated sulphonamides, thus minimising the possibility of such side-effects as crystalluria. Novotriad is available as white, uncoated tablets each containing 0.5 gm. of total sulphonamides, and as a suspension containing 0.5 gm. of total sulphonamides in each 5 mls. Administration is by mouth, and the tablets may be crushed to a powder and swallowed with water. Although the risk of crystalluria from Novotriad is considered remote, a high fluid intake should be maintained to ensure satisfactory urinary output. Dosage for the treatment of acute infections in adults consists of an initial dose of four tablets (or medicinal teaspoonfuls of suspension) then two tablets (or two medicinal teaspoonfuls of suspension) four or six hourly. The course of treatment usually lasts six to seven days and rarely needs to exceed nine days. Persons with known sulphonamide sensitivity should not be treated with Novotriad. The tablets are issued in packs of fifty and 500, the suspension in bottles of 125 mls and 1 litre.

OVER-THE-COUNTER MEDICINALS

A Redesigned Pack.—Bayer Products Co., Winthrop House, Surbiton Surrey, have introduced a 24-tablet, foil-wrapped pack of Actal designed



for convenient carrying in pocket or handbag. The pack is supplied in carton of twelve.

HOUSEHOLD PRODUCTS

Repackaged.—Kaykill rodenticide, produced by Kay Brothers, Stockport, Ches. is in new cylindrical packs in two



sizes as shown. The large pack contains 12 oz., the smaller pack 3½ oz. Kay Brothers are now part of the Reckitt & Colman Group and Kaykill is marketed through the company's Meltonian Wren organisation.

CONFECTIONERY

Chocolate-centred Barley Sugar.—A. L. Simpkin & Co., Ltd., Hunter Road, Hillsborough, Sheffield, 6, have launched a new range of glucose barley sugars with chocolate centres. Each wrapped sweet has an outer casing of glucose barley sugar in one of four different flavours, (orange, peppermint, lime and butterscotch) with a prepared plain-chocolate centre. Each variety is packed in a carton containing 5 oz. in heat-sealed polypropylene inner bag, and the carton is distinctly coloured. The cartons hold 1 doz. single flavours or 2 doz. assorted, each with Dayglo price tag.

NURSERY PRODUCTS

An Improved Pack. — Maws Pharmacy Supplies, Ltd., Aldersgate House, Barnet, Herts, have produced a new pack for their baby cream. The carton is designed so that the name of the

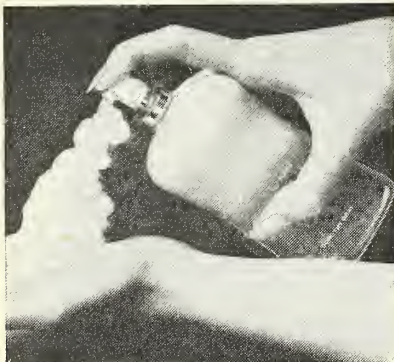


product is clearly seen whichever way the carton is stacked (facing frontwards, sideways or end-on). The new graphic design brings the product into line with other products in the Maws nursery range.

COSMETICS AND TOILETRIES

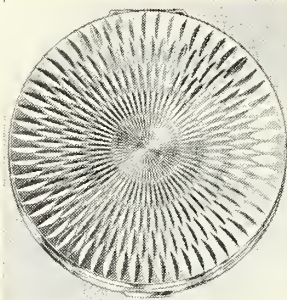
Beauty Box for Brides. — Elizabeth Arden, Ltd., 25 Old Bond Street, London, W.1, have brought out a bride's box of cosmetics containing cleansing cream, skin tonic, "Complexion Clear," Velva smooth lotion, healing cream "veiled Radiance," "Veil powder," "Pearl Silvering," "Sun Control," body cream and "Eight-hour" cream.

Special Container for a Time. — Dorothy Gray, Ltd., 8 Grosvenor Street, London, W.1, claim that their "Beauty Foam," aerosol hand cream



container is ranked by aerosol experts as most probably the best "dispenser" of its kind available on the United Kingdom market. The new container became available on January 1 for a limited period.

Caribbean Fragrance. — Amalie Products (J. Clifton), Pinchbeck, Spalding, Lincs, are the sole distributors for the United Kingdom and Europe of the Amalie range of perfumery products, described as "the Virgin Island's most treasured perfume". The range comprises perfume, eau de Cologne and perfume-mist aerosol as well as Island



1967 MODELS: Convertible compacts that are excellent examples of Stratton craftsmanship. At left is an all-gilt compact which has 330 faceted cuts radiating from the centre of the lid; and at right the Queen compact with Limoges-type design in gilt on cobalt-blue ground. Manufacturers are Laughton & Sons, Ltd., Warstock Road, Birmingham, 14.

Man Cologne after-shave lotion. Amalie is pronounced in "the accepted Danish manner," *Ah-mahl-ya*, the name being taken from Queen Charlotte Amalie, who reigned when the Danes were establishing the Virgin Islands as a trading area. The perfume is available in 6-cc. watchcase bottle and square bottles of $\frac{1}{2}$ oz. and 1 oz., topped by golden blocks, while the bottles of crystal, each of them topped by golden pagodas.



LINKED BY PACKAGE DESIGN: As a result of a packaging development Nestle Spraze for blonds is now closely linked with Nestle Lite hair lightener, the same blonde girl appears on both. The label of Lite Spraze for blondes is in yellow and magenta. Distributors are Fassett & Johnson, Ltd., Oxford Works, Worsley Bridge Road, London, S.E.26.

Non-greasy, Non-grocer Hairdressing. — Following a test marketing in the South Wales and West television area, Chesebrough-Pond's, Ltd., Victoria Road, London, N.W.10, launched nationally on January 2 a new hairdressing preparation for men, Clearway. Clearway — "the only non-greasy control hairdressing sold in a jar." — is described as a transparent light-blue water-soluble with water-active cleansing properties. Easily applied and quickly removed from the hands because it is greaseless, Clearway imparts lustre without making the hair

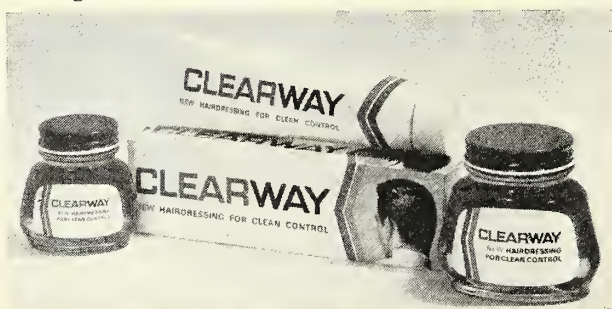
look greasy. Wet combing regrooms hair on which Clearway has been used, and it helps clean away dirt, grease and loose dandruff. Clearway is applied to hair that has first been moistened. The dressing is presented in standard and large jars and in a tube, all

packed in cartons. Retailers receive it in display pre-packs of five sizes. From March 4 it is being heavily advertised. Outlets are chemists, hairdressers and stores (grocers excluded). Suggested retail prices are 5s. 10d. for the tube and large jar, 3s. 6d. for the standard jar. Messrs. Chesebrough-Pond's point out that the men's hairdressing market had growing turnover until 1960, declined until 1964, and showed marginal increases in 1965 and 1966, due mainly to non-greasy liquid dressings. The problem lies with men between the ages of 18 and 35, only two-thirds of whom, according to a consumer survey the company commissioned, used any hairdressing in 1966, against 80 per cent. of their elders. The problem of those young men according to the research was primarily grease. A successful hairdressing must also give control. Clearway is claimed to meet both requirements.

SUNDRIES



PACKAGED FOR POSTING: The Aladdin vacuum pitcher, designed for use in the office or the home, is packaged in a carton with special address "label" to allow direct posting. Makers are Aladdin Industries, Ltd., Greenford, Middlesex.



Cumulative price changes

January 7, 1967

AMENDING C & D
QUARTERLY PRICE LIST
FOR DECEMBER 1966

D	Abidon (938 PD)				toilet water 2oz — — 39 0				30gm 12 3ea — 16 4			
	capsules 25 & 1000				veil of Arpege 3oz — — 39 3				Bromural (708 Knoll) ts4B			
D	Actified (208 BW)				6oz — — 66 0				tablets 200 17 4ea — 23 1			
	compound				Asmasol (1582 Albion) †1s4sA				Brontina (221 Camden) ts7			
D	linctus†7DDI				inhalant solution				ampoules 2 mils 6 13 1½ea — 17 4			
	125mils 48 0 — 6 0				60mils 96 0 — 12 0				tablets 1mgm 100 17 3ea — 23 0			
D	500mils 176 0 — 22 0				Aspellin (1023 Radiol)				Brontisol (221 Camden)			
	syrup†7				aspirin spirit liniment				metred dose aerosol 16 6ea — —			
D	125mils 48 0 — 6 0				16oz 135 0 — 17 0				Broval (1582 Albion)			
	500mils 176 0 — 22 0				Astral (509 Gibbs)				6oz 28 0 8 0 4 2			
D	2 litres 55 8ea — 83 6				cream				16oz 60 0 17 0 8 11			
	compound linctus				small 14 3 3 11 1 11				Burson (451 F & J)			
D	4oz & 20 oz				popular 22 2 6 1 3 1				elastic hosiery			
	syrup 4oz & 20oz				family 36 3 9 11½ 5 1				lightweight pair 32 0 — 48 0			
D	Actol (1388 Durazone)				hp 94 7 26 0 13 3				Bydolax (859 Moore)			
	Acudex (1530 Fisons)				soap				capsules			
D	Adcortyl-A (1176 5quibb)				10 4 2 10 1 3				Cadum (280 CP) 5 pack minimum order			
	ophthalmic ointment				15 2 4 2 1 10				soap toilet 47 4 12 11 11½			
D	Adcortyl-AQ (1176 5quibb) spray				Ayrton (78 A5 & Co)				bath 50 10 13 10 1 7			
	Adcortyl-EG (1176 5quibb)				A.P.C. plus tablets				(6 doz) (6 doz)			
D	cream 50gm				Bain d'Or (597 HCL)				(4 doz) (4 doz)			
	Airbron (179 BDH)				perfume 10cc 208 0 55 10 —				Calcium-Diuretin (708 Knoll)			
D	ampoules 2 mils 25 84 0ea 23 1ea —				soap lemons 2½oz 14 5 3 10 —				tablets 200			
	vial 10 mils 3 49 10ea 13 8½ea —				Splash Cologne				Calpol (218 Calmic)			
D	30 mils 3 142 0ea 39 0½ea —				100cc 121 4 32 6 —				paediatric suspension			
	Akineton (708 Knoll) existing entry				Band-Aid (672 Johnsons)				2½oz 32 0 — 4 0			
I	Akineton (708 Knoll)				Sheer plasters				Calvert's (219 Calvert)			
	ampoules 6 48 0 — 5 4				21 3 — 2 6				Calvert's (331 C of C)			
D	30 17 0ea — 22 8				Banminth (969 Pfizer)				Calvex (219 Calvert)			
	tablets 20 42 0 — 4 8				solution (vet.) 1pt 31 6ea — 42 0				Calvex (331 C of C)			
D	50 85 0 — 9 5				1gal 218 7ea — 291 6				Caperns (1175 5PL)			
	200 23 6ea — 31 4				tablets (vet.) 20 18 9ea — 25 0				Avisand			
D	Algispray (238 CL)				Bell's (108 Bell) existing entry				7 6 — 10			
	Algispray (1546 Sheranel)				Bell's (108 Bell)				7 11 — 1 9			
I	spray balm aerosol 48 0 13 2½ 06 11				pet remedies				(½ doz)			
	Aikeran (208 B W) ts1s4A				blood salts				budgie seed			
D	tablets 2 mgm 25 76 0 — 9 6				21 3 — 2 6				(Golden life)			
	5 mgm 25 132 0 — 16 6				11 0 3 0 1 6				19 9 — 1 1			
D	tablets 2 mgm &				18 0 4 11½ 2 6				(2 doz)			
	5 mgm 100's				18 0 4 11½ 2 6				bird sand			
D	Alloferin (1074 Roche) ts1s4A				cough tablets (dogs or cats)				Capsofin (938 PD)			
	ampoules 10mgm/				12 9 3 6 1 9				lib.			
D	2mils 6 10 8ea — 16 0				diarrhoea tablets				Cardiazol ephedrine (708 Knoll)†			
	50 78 0ea — 117 0				14 6 4 0 2 0				ampoules 1-1 mil 5 56 0 — 6 3			
D	Allonal (1074 Roche) tablets				Doomdust				Carmen (229 Carmen)			
	Allipryal-G (1460 Dome)				11 0 — 1 3				electric hair rollers			
I	treatment set 117 0ea — 156 0				eczema ointment				model "7"			
	Alopecinin (819 McY) ts4B				18 0 4 11½ 2 6				98 7ea 26 1ea 157 6			
D	pomade 1oz 15 0ea 4 1½ea 24 2				eye lotion				138 0ea 36 6ea 220 6			
	tablets 30 15 0ea 4 1½ea 24 2				18 0 4 11½ 2 6				203 8ea 53 11ea 325 6			
D	Amplex (67 Ashe)				ointment				203 8ea 53 11ea 325 6			
	foot fresh 48 0 12 11 6 10				12 9 3 6 1 9				carry case 7/11			
D	Ancofen (179 BDH) ts4B				14 6 4 0 2 0				model "17"			
	tablets 50 22 9ea — 34 1½				17 6 4 10 2 6				22 6ea 6 0ea 36 0			
D	Andre Philippe (48 AP)				17 6 4 10 2 6				203 8ea 53 11ea 325 6			
	after shave lotion				17 6 4 10 2 6				carry case 17/18			
D	bubble bath candlestick				17 6 4 10 2 6				24 11ea 6 8ea 39 11			
	7 33 0 9 1 4 11				17 6 4 10 2 6				roller and clip			
D	Annovax (208 BW) VPO				17 6 4 10 2 6				6 7ea 1 9ea 10 6			
	vaccine (vet.)				17 6 4 10 2 6				clips packet			
D	50mils 17 7½ea — 23 6				17 6 4 10 2 6				11 0ea 2 11ea 19 11			
	250mils 82 6ea — 110 0				17 6 4 10 2 6				foam cascade			
D	Antabuse (1582 Albion) existing entry				17 6 4 10 2 6				Ceramet (1127 Seton)			
	Antabuse (1582 Albion) ts1s4A				17 6 4 10 2 6				(distributors 93 BJ)			
D	tablets 0.5gm 25 44 0 — 5 6				17 6 4 10 2 6				dressings 3½x3½			
	50 76 0 — 9 6				17 6 4 10 2 6				(10) 28 6 — —			
D	500 58 0ea — 87 0				17 6 4 10 2 6				(30) 50 0 — —			
	Antas (1582 Albion) existing entry				17 6 4 10 2 6				92 0 — —			
I	Antas (1582 Albion)†				17 6 4 10 2 6				strip 7½in x4yd			
	tablets				17 6 4 10 2 6				Cerumol (718 LAB) existing entry			
D	50 20 0 5 6 2 11				17 6 4 10 2 6				Cerumol (718 LAB) †			
	100 36 0 10 0 5 4				17 6 4 10 2 6				eardrops approx.			
I	100				17 6 4 10 2 6				11 mils 31 6 — 3 6			
	250				17 6 4 10 2 6				dp 2oz 67 6 — 7 6			
D	1000	264	0	—	17 6 4 10 2 6							
	Antepar (208 BW)				17 6 4 10 2 6							
I	elixir 125mils 62 0 — 7 0				17 6 4 10 2 6							
	500mils 192 0 — 24 9				17 6 4 10 2 6							
D	4oz & 20oz				17 6 4 10 2 6							
	Antussin (1239 Tobal) †				17 6 4 10 2 6							
I	double strength				17 6 4 10 2 6							
	2oz 40 6 — 4 6				17 6 4 10 2 6							
D	4oz 67 6 — 7 6				17 6 4 10 2 6							
	2oz 36 0 — 4 0				17 6 4 10 2 6							
D	children's				17 6 4 10 2 6							
	chewable capsules				17 6 4 10 2 6							
D	24 36 0 — 4 0				17 6 4 10 2 6							
	20 30 0 — 3 4				17 6 4 10 2 6							
D	Arpege (730 Lanvin)				17 6 4 10 2 6							
	perfume ½oz — — 51 6				17 6 4 10 2 6							
D	handbag spray				17 6 4 10 2 6							
	refill ½oz — — 77 0				17 6 4 10 2 6							
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with adrenaline 1-200,000 ts4B vials	5	12	0ea	—	—	—	—	1lb	43	2	—	2	3																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																			</
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Grossmith's (544 Grossmith)	talcum	807 26 6	7 3½	4 1		outfit "25"	56 6ea	14 3ea	98		Melody (412 Elida)	hair colourant	45 1	12 5	6 8
Hair-Do (556 HDC)	continental bubble bath	20 0	5 6	2 11	D	projectors	M70-L 845 0ea	—	1300 0		Menformon (917 Organon)	tablets 0.1mgm 25, 100 & 500			
	cleansing milk	20 0	5 6	2 11	D	Instamatic	M80-L 975 0ea	—	1500 0			0.3mgm 25			
	hand cream	20 0	5 6	2 11	D	old models	—	—	—			1.0mgm 25			
	shampoo					movie film Ektachrome II	—	—	—			5.0mgm 25			
	egg and lanolin sachet	3 4	11	6		Labiton (718 LAB)					Mennen (525 Golden)	Cologne	59 0	16 3	8 9
	340cc	20 0	5 6	2 11		approx. 8oz	51 0	14 2	6 11		Mentaxol (509 Gibbs)	toothpaste			
	medicated sachet	3 4	11	6	D	approx. 26oz	150 0	42 0	20 3			standard	17 9	4 10½	2 4
	340cc	20 0	5 6	2 11		Lactocalamine (324 Crookes)						large	25 2	6 11	3 5
Haliverol (938 PD)	50 mls					cream	50gm 28 0	7 8½	4 2		Merveilleuse (Rigaud) (47 Anestran)	perfumed Cologne			
Hard as Nails (43 Amropa)	30 0	8 6	4 9			28gm	—	—	—			standard	4oz 26 6ea	7 4½ea	53 9
Harmony (412 Elida)	hair colour tube	22 6	6 2½	3 4		potassium bicarbonate	300mgm 1000 38 5ea	—	—			3oz 43 6ea	11 11ea	88 0	
Hartnell (1376 Hartnell)	(distributors 544 Grossmith)					500mgm	1000 43 2ea	—	—			3oz 38 6ea	10 7ea	78 0	
	eye shadow	37 6	10 3½	5 9		1gm	1000 84 0ea	—	—			3oz 23 6ea	6 5ea	47 6	
	lipstick refill	34 0	8 6	5 2	D	L'Aiment (301 Coty)									
	rouge cream	23 6	6 5½	3 7	D	perfume cream sachet	264-20 106 9	28 8	15 9						
Havapen (1352 Wyeth) T5	tablets	100 41 8ea	—	55 7		Lanvin (730 Lanvin)									
Hepatex-T (394 DF)						coffret (3 bottles)	—	—	138 0						
Heptonal (1531 Delandale)	(distributors 1077 Rona)					(4 bottles)	—	—	138 0						
Histadyl E. C. (413 Lilly) †57 DDI	syrup	80oz 36 0ea	9 11ea	63 11		Layla (1372 CCL)									
Honeyfruit (175 BCP)	health food	7oz 45 0	—	4 9		Layla (1000 PPL)									
	16oz	82 6	—	8 9		Lectro-caps (1429 TL)									
Hudson (1343 DW)	flash cube re-usable	—	—	12 6		lithium carbonate	300mgm 1000 45 7ea	—	—						
Hycal (103 BF)	(2 doz)	61 9½	10 2½	—		potassium chloride	500mgm 1000 40 10ea	—	—						
Hydro-Adreson (917 Organon)	cream 0.5% 5gm & 50gm					1gm	1000 74 5ea	—	—						
	1.0% 5gm & 50gm					sodium bicarbonate	500mgm 1000 36 0ea	—	—						
	2.5% 50gm					500mgm	1000 34 0ea	—	—						
	lotion 0.5% 20mils					850mgm	1000 54 0ea	—	—						
	1.0% 20mils					1gm	1000 60 0ea	—	—						
Hydrocortisone (917 Organon)	ointment 0.5% 5gm & 50gm					2gm	1000 90 0ea	—	—						
	1.0% 5gm & 50gm					sodium bicarbonate	500mgm & potas-	—	—						
	2.5% 5gm & 50gm					sium bicarbonate	500mgm 1000 81 7ea	—	—						
Icilma (509 Gibbs)	vanishing cream	8 6	2 4	1 2		sodium fluoride†	10mgm 1000 36 0ea	—	—						
	15 10	4 4½	2 3			10mgm	1000 36 0ea	—	—						
Ilford (645 Ilford)	colour films					sodium chloride	250mgm 1000 37 2ea	—	—						
	Colorprint 20exp.	12 10ea	1 5ea	18 6		500mgm	1000 40 10ea	—	—						
	Rapid	9 4ea	1 1ea	13 6		750mgm	1000 48 0ea	—	—						
	Colorslide 20exp.	12 1½ea	1 4ea	17 6	D	1gm	1000 74 5ea	—	—						
	36exp.	18 8ea	2 1ea	27 0	D	1.25gm	1000 90 0ea	—	—						
	Colorslide Super				D	1.5gm	1000 93 7ea	—	—						
	8exp.	8 4ea	1 1ea	12 0		Leichner (749 Leichner)									
	20exp.	13 5ea	1 6ea	19 11		professional									
	36exp.	20 1ea	2 3ea	29 0		make-up kit	52 0ea	14 3½ea	92 6						
	Rapid	11 9ea	1 4ea	17 0		Less (528GM)	16 7	4 7	2 3						
	Colorcine '25'	16 5ea	1 10ea	23 9		toothpaste									
	holiday pack	49 4ea	5 6ea	71 3		Leucodinin (819 McY)									
	Ilfochrome 8mm '100'	55 4½ea	6 2ea	80 0		ointment 1oz	14 9ea	4 0½ea	23 11						
Imprevu (301 Coty)	perfume cream sachet	264-09 120 6	32 4	17 9		Levenor (1530 Fisons)									
In Love (1376 Hartnell)	(distributors 544 Grossmith)					Lidothesin (1341 Willows) existing entry									
	perfume HL4½ 550 0	151 3	83 8			Lidothesin (1341 Willows)									
Inter-Dens (1457 PP Ltd.)	mirror pack					plain or with									
JETset (1391 Swiffax)	electrically heated					adrenaline									
	hair roller kit	142 7ea	38 2ea	252 0		1-100,000 or									
Jordan (1372 CCL)						1-200,000 or									
Jordan (173 Britanol)	toothbrushes adult	26 6	—	3 3		solutions with adrenaline †s4B									
	junior	18 0	—	2 3		injection vial									
Junivite (147 Boots)	syrup	4oz 22 0	—	2 9		0.5%, 1% & 2%									
	8oz	40 0	—	5 0		20mils	6 6 9ea	—	9 0						
Juvaniail (353 DP)	20 0	5 6	3 0			50mils	6 11 9ea	—	15 8						
Kay's (683 Kay)	(distributors 834 MWL)					250mils	12 4ea	—	16 6						
	linseed compound					ampoules	2mils 100 27 9ea	—	37 0						
	2oz	14 6	4 0	1 11		5mils	50 27 9ea	—	37 0						
	6oz	29 4	8 1	3 11		10mils	25 27 9ea	—	37 0						
Keatings (430 Eucryl)	large	36 0	—	4 0		20mils	6 17 8ea	—	23 8						
Kent (693 Kent)	toothbrushes					25mils	6 17 8ea	—	23 8						
	"De Luxe"	63 4	—	7 11		cartridges									
	"Classic"	44 0	—	5 6		2mils	100 22 11ea	—	30 6						
	"Wessler"	60 0	—	7 6		topical 4% 25mils	3 7ea	—	5 5						
	ex. hard	63 4	—	7 11		gel 1% antiseptic	15mils 30 0	—	3 9						
	"Park Lane" ex. hard	31 4	—	3 11		2% antiseptic	15mils 30 0	—	3 9						
	"Contour"	31 4	—	3 11		Limmites (1552 UL)									
	"Pedigree" ex. hard	31 4	—	3 11		plain chocolate meal	20 3	3 4½	2 6½						
	"Harley Street"	26 0	—	3 3		Lipostabil (894 Nicholas)									
	"Olympic" nylon	22 0	—	2 9		capsules	60 136 0	37 5	20 1						
	"KB42" badger	52 0	—	6 6		Locabiotol (1123 5LL)									
	denture brush					(distributors 1556 Farillon)									
	"Clinic"	31 4	—	3 11		nasal spray nebuliser									
Kinidin Durules (68 AH)	tablets	30 26 6ea	—	39 9		15mils	7 0ea	—	10 6						
	100 80 7ea	—	120 11			pressurised aerosol									
Kodak (711 Kodak)	Brownie 127 camera outfit	39 11ea	10 6ea	71 11		see L.P. Aerosol									
	Instamatic camera			3		Locasol (1249 Rutwood)									
						14oz 100 0	—	—	10 6						
						3lb 314 4	—	—	32 9						
						Lucifen (1310 WW) tablets 25mgm									
						Lustre Dent (280 CP) 5 pack minimum order									
						standard	33 2	9 0	2 3½						
						(2 doz)	(2 doz)	(2 doz)							
						large	24 0	6 7	3 4						
						(1 doz)	(1 doz)	(1 doz)							
						Lynoral (917 Organon)									
						tablets 0.01mgm 25									
						0.02mgm 25									
						0.05mgm 25									
						0.1mgm 25									
						1.0mgm 25									
						Mavala (664 JS & C)									
						cuticle cream	120 0	33 0	18 0						
						scientific hardener									
						discovery pack	33 8	9 3	5 0						
						Medihaler-bron (1061 Riker)†									
						200 dose	10 0ea	—	15 0						
						300 dose	—	—	—						
						Mellow Blossoms (280 CP) 5 pack minimum order									
						toilet soap (4)	42 8	11 7	1 11½						
						(1 gross)	(1 gross)	(1 gross)							

[illegible]

THIS WEEK'S CHANGES OVERLEAF

Butazone

brand of
phenylbutazone BP

Chelsea Drug & Chemical Company Limited 310 Old Brompton Road London SW5



THIS WEEK'S CHANGES

Prices are given in the sequence Trade Price per Doz.; Purchase Tax per Doz.; Retail Price. Bold upright figures (2 9) in the retail price column indicate that the price is subject to resale price maintenance; italic figures (2 9) that it is recommended by the manufacturers; and light upright figures (2 9) that it is "notional" as a guide to the retailer in determining his own retail price.

●	Actal (97 Bayer)	tablets	24	24	0	—	—	3	0																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																													</
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PHOTOGRAPHIC NOTES

A Range of Lenses.—A new range of interchangeable Rokkor lenses for the Minolta SR T101 camera is announced by Japanese Cameras, Ltd., 50 Piccadilly, Tunstall, Staffs (Minolta distributors). The lenses are coded MC, ("meter coupling") signifying that they couple automatically with the CdS meter system of the camera. Though the new lenses can also be used on all previous models of the Minolta SR cameras, the meter coupling does not operate on those models. The range comprises seven models, their focal lengths varying from 28 mm. to 200 mm.

Change of Distributor.—Johnsons of Hendon, Ltd., Hendon Way, London, N.W.4, have been appointed sole distributors of the Cyldon range of cine reels and cans of Sydney S. Bird & Sons, Ltd., Poole, Dorset, from January 1. Messrs. Johnson have also taken over the sale and distribution of Paterson photographic products from R. F. Hunter, Ltd. Inquiries by Northern and Scottish dealers should be directed to the company's branches at Hulley Road, Macclesfield, Ches., or 64 Kingston Street, Glasgow, C.5. Recent Paterson introductions include a thermal print mountant in packs of 60z. and a number of lighting units that utilise No. 1 photo-flood lamps. A basic stand and a boom stand are available; three types of interchangeable reflector-spot, general and spot fill-in may be used.

Changes.—Mayfair Photographic Suppliers, Ltd., having been acquired by Photopia International, Ltd., is a wholly Photopia owned subsidiary but will continue to be run as a separate company. All equipment guarantees will be honoured except on Ricoh products, which have been taken over by Hanimex (U.K.), Ltd., 15 Great Dover Street, London, S.E.1. Equipment for servicing should be sent to Mayfair Photographic Suppliers, Ltd., Hempstalls Lane, Newcastle, Staffs, together with guarantee card counterfoils where necessary. Correspondence and payments should be forwarded to the same address. All existing models are to be considered as discontinued, and are therefore freed from resale price maintenance. New models will be subject to resale price maintenance in the normal way.

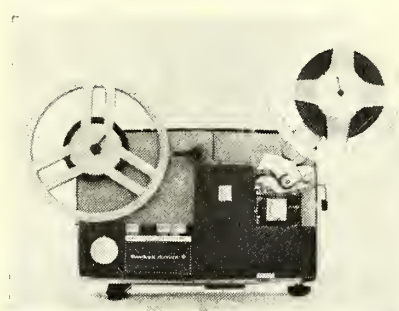
For 35-mm. Negatives.—Templecolor Laboratories, Ltd., 131 Duckmoor Road, Bristol 3, have designed a new pack for 35-mm. negative strips. It takes



the form of a cut and preformed colour-printed carton that may be erected to

form a bobbin measuring 4 x 1½ x ¾ in., around which the strip of negatives are wound. Before winding takes place, a strip of moistureproof Cellophane (type MSAT 300) (manufacturers: British Cellophane, Ltd., Regal House, London Road, Twickenham, Middlesex) is stapled to the leader strip of the negatives to act as an anti-scratch, anti-static lining between each coil. The strip of Cellophane is of the same width as the negative strip and slightly longer, so as to overlap at one end. The wound bobbin is then packaged in a carton and enclosed with the paper wallet of prints in a printed box carton.

Dual-purpose Projector.—A new Sankyo projector, the Dualux, which may be used to project Super-8 or standard-8 films, and is fitted with an



Sankyo Dualux 8

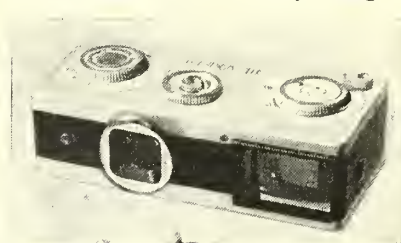
f/1.3 20-mm. lens, has been introduced by David Williams (Ciné Equipment), Ltd. The required film format is ob-

Cardboard Sample Tubes.—For dispatching product samples there is available a new type of mailing and packaging container recently introduced into Britain by Tupak Tubes, Ltd., Tube Works, Walton Road, Woking, Surrey. The Tupak tube is claimed simple, economical and reliable. It consists of a cardboard tube with snap-to ends. Complete in one piece, and quick to fill and close, it is claimed to represent a great saving in time and labour. Contents are easily removed on receipt, with no risk of damage. Diameters range from 1½ to 4 in., and a variety of finishes, plain and decorative, are available. Messrs. Tupak also offer a complete packaging and mailing service.

Polythene Containers.—Containers recently introduced by Plysu Containers, Ltd., Woburn Sands, Bletchley, Bucks, include a 1-gall. container in high density polythene, the S66, which may be stacked up to three high when filled and which incorporates a moulded two-finger grip for easy handling. Overall dimensions are 6 x 6½ x 10½ in. A wide pouring neck makes both filling and pouring operations simple, and the container has an airtight polypropylene screw cap with vinylite-faced wad filler. Produced in medium-density polythene are a free-standing round 1-gall. container with swivel-mounted handle on the top, and a 10-gall. flat-sided container with two

tained by turning a switch, and an illuminated panel shows which gauge is in use. A press-button control panel provides forward and reverse projection, lamp on/off, still picture switch, and variable motor-speed control (range 16-24 f.p.s.). A zoom converter lens (15-25-mm. focal length) is available as an optional accessory.

A New Single-lens Reflex.—Latest camera in the Edixa range marketed by Photopia, Ltd., Newcastle, Staffs, is the Edixamat CdS, incorporating a



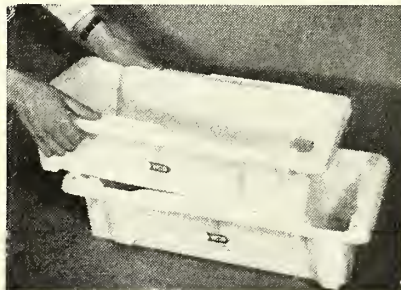
Edixa 16

cadmium sulphide exposure meter. The camera has a focal-plane shutter (speeds 1-1/1000 sec.), choice of f/2.8 Xenar or f/1.9 Xenon standard lens, fully automatic pre-set diaphragm, and instant-return mirror mechanisms. The exposure meter controls a range of shutter speeds from 30 sec. to 1/1000 sec., apertures f/1.5-22, and accommodates film speeds from 10 to 1,250 ASA. A new model of the Edixa 16 camera has f/2.8 25 mm. Schacht Travagar lens focusing from 16 in. to infinity. The shutter is fully programmed from 1/30 to 1/150 sec. Provision is made for manual control on 1/30 sec.

PACKAGING NOTES

closures and two swivel-mounted handles.

Stack-and-nest Boxes.—Boxes that will both stack and nest have been introduced by WCB Containers, Ltd., Stamford Works, Bayley Street, Stalybridge, Ches. Stacking or nesting with the model A112 box is by turning the container through 180°, no stack/nest rods or moving parts being in-



Stack-and-nest boxes of WCB Containers, Ltd., Stalybridge, Ches.

volved. Sixteen empty boxes may be nested in the space occupied by seven full ones stacked. The boxes are injection-moulded from a tough-grade high-density polythene that withstands temperatures ranging from -40°C. to +115°C. Each 21 x 9 x 5 in. box takes a vertical load up to 220 lb. Prices range from 16s. 9d. each, including delivery.

BRANCH EVENTS

BLACKPOOL

Dinner, Dance and Breakfast

THE Blackpool Branch of the Pharmaceutical Society held its dinner and dance on December 7, 1966. The health of the president (Miss Rita R. Haigh) was proposed by the president-elect (MRS. JOAN M. ALDERSON) "The Ladies and Visitors" was proposed by past-president MR. A. S. SMITH (Branch and Conference local secretary) and responded to by MR. J. A. SMITH. Toastmaster was Mr. M. W. J. Limb. About 200 people attended, including the presidents of Liverpool and Preston Branches. Most of the guests stayed for breakfast.

BOURNEMOUTH

Where Were All the "Regulars"

A CHANGE of venue and change of day for the Bournemouth Branch of the Pharmaceutical Society's Christmas party, are believed to have deterred some of the regular attenders at the function. However, the 250 people who did attend on December 15, 1966 are understood to have "set about enjoying themselves in a very workmanlike manner." A competition (for which no entry fee was made) called for twenty-two vials each containing a "smell" to be identified. Almost everyone present took part, but they found that a smell without a shape or colour could be most elusive. Winner was student Mr. A. Jackman, who is on the brink of qualifying as a pharmacist—"which must prove something." Members of the social committee were kept busy on the tombola stand taking the money, spinning the drum and handing out the thirty-seven prizes. A bingo session, presided over by a professional "caller," Mr. K. Jones, proved the highlight of the evening. The lucky person was a young Chinese lady (complete in *Cheong Sam*) currently employed by a local wholesaler. Proceeds are being donated to the Pharmaceutical Society's Benevolent Fund. The party ended at midnight after a vote of thanks by MR. M. H. TAYLOR (Branch chairman) to all who had helped to contribute to the success of the evening.

STOCKPORT

Society to Lose its Powers?

AN "inspired guess" at the future of pharmaceutical legislation was made by MR. C. C. STEVENS (a member of the Pharmaceutical Society's Council) at a meeting of Stockport Branch held at the West Park Hospital, Macclesfield on December 12, 1966. Mr. Stevens said that much current legislation relating to pharmacy was out of date and in need of revision. So far back as 1962 the Government had set up a working party to study the situation and in 1964 a confidential memorandum had been circulated to interested bodies—including the Pharmaceutical Society—for their observations. In 1965 a further memorandum of eight-five clauses had been issued—again confidentially—and the final draft might well be held

back until the Sainsbury Committee had reported. Mr. Stevens then gave his own, unofficial, forecast for the future. The Pharmaceutical Society, he thought, might lose its position of administering pharmacy law to a Board appointed by the Government. The Dunlop Committee might well be made statutory and even a number of committees set up, one concerned with the safety of drugs and another, perhaps, with standards of purity and strength, the latter with power to regulate such items as containers, the form, shape and colour of tablets,

etc. It was possible that the British Pharmacopoeia and British Pharmaceutical Codex might be combined into one volume and given the legal standing they at present lacked. Registration and inspection of premises—at present applicable only to manufacturers operating under the Therapeutic Substances Act and to retail premises, might well be extended to cover all premises dealing with medicines. Mr. Stevens visualised a system of licensing for all proprietary medicines and the control of all advertising relating to them.

Correspondence

Letters when received must bear the name and address of the sender, not necessarily for publication. The Editor does not hold himself responsible for the views expressed.

Eye Lotion of Sodium Bicarbonate

SIR,—I think it is right that the fresh solution should be acceptable for the eyes. The B.P.C. directions are to eliminate the vintage samples that may possibly have been in use. The question remains whether these directions for discarding opened samples are sufficient and Mr. Patrick (C. & D., December 10, 1966 p. 567) is right in removing the eye wash. E. A. Cox, Hurstpierpoint, Sussex

Praise For The Postal Service

SIR,—One hears these days so many complaints alleging poor postal service, it is refreshing to be able to congratulate the G.P.O. on a fine piece of work. A letter addressed simply to Hollands & Blair, Kent, was posted in Liverpool on December 19, and was received at our Gillingham, Kent, factory by first post on December 21. We feel this really is remarkable service in view of the heavy Christmas demand on postal services. HOLLANDS & BLAIR, LTD., M. E. CHILES, Home Sales Manager, Thornton Heath, Surrey

Disposable needles

SIR,—It is interesting to note that the longest disposable hypodermic needle manufactured in the United Kingdom has a length of 2 in. Such a needle is too short easily and cleanly to withdraw 10 mils of fluid from a 10 mil ampoule. The constricted neck of the ampoule rarely allows the hub of the needle to enter the ampoule. A 10 mil ampoule usually measures about 2½ in. between the base and the constricted neck. Manoeuvring the last few mils of fluid into a strategic position to suck it through the needle often causes small fragments of glass to be dislodged from the fractured neck into the liquid, and creates more opportunities for bacteria, etc., to contaminate the fluid. At present the only answer available is to use a longer plastic sterile disposable cannula and, after filling the syringe, to replace the cannula with a hypodermic needle to give the injection. Alternatively a sterile non-disposable 3 in. needle is required. J. A. MYERS,

Group Chief Pharmacist,
Royal Infirmary, Edinburgh, 3

MANUFACTURERS' ACTIVITIES

Sales Plans to Increase Distribution.

—One hundred and fifty salesmen of Jeyes Group, Ltd., attending the company's sales conference recently, were told by Mr. J. G. Dickinson (marketing manager) a plan further to increase distribution of all their products. "Without improvement in distribution we cannot progress," he said. "Our present rate of sales out from existing

stockists is good, but every new outlet—every additional line placed with an existing stockist—is the driving power to put us one jump ahead." He outlined national advertising campaigns planned from March until October, and said "there will be new packs, trade incentives, consumer incentives, on-pack offers and flash marked packs and new products."



COMPANY VETERANS: Mr. Paul Cuenin (managing director, Gillette Industries, Ltd.), among employees of the Gillette Safety Razor Co. and Gillette Surgical who recently received long-service awards. Between them they have completed 340 years' service. Those who have been with the firm for twenty-five years chose gold wrist watches. Choices of those with 40-year careers behind them range from a refrigerator to a movie camera.



CHEMIST AND DRUGGIST

For Retailer, Wholesaler and Manufacturer

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Controlling Industrial Carcinogens

DRAFT regulations to ban certain carcinogenic substances were published on December 20, 1966. The compounds are β naphthylamine, benzidine, 4-aminodiphenyl, 4-nitrodiphenyl and their salts and substances containing any of those compounds except where the compounds are present as a by-product of a chemical reaction and do not exceed a concentration of 1 per cent. The chief inspector may grant exemptions from the regulations in certain situations, but generally there is a prohibition against manufacture, storage or use in places to which the Factories Act, 1961, applies.

The Ministry of Labour, which is responsible for the Regulations, points out that the carcinogenic properties of the compounds have been known for some time, and their manufacture in the United Kingdom has ceased. To prohibit possible imports an Order in Council is being made under the Factories Act. The draft Regulations, which have been given the title Carcinogenic Substances Regulations, 1966 (H.M. Stationery Office, price tenpence), also impose controls on the employment of persons in connection with the use and manufacture of alpha-naphthylamine (other than alpha-naphthylamine containing as a by-product of a chemical reaction more than 1 per cent. of β naphthylamine), ortho-tolidine, dianisidine, dichlorobenzidine and their salts and auramine and magenta. The regulations impose controls, except for auramine and magenta, on the storage and labelling of the controlled substances in factories. Provision is made for the medical supervision of persons who are, or have at any time been, employed in making or using the compounds. Employers are required to keep registers of medical examinations and to provide facilities for examining employees.

For information and comment the draft regulations are being circulated to interested organisations in the rubber, chemical, paint and dyestuffs industries.

It will be noted that the focus in respect of the use of the compounds is in the area covered by the Factories Act, 1961, and the use of the substances in what might be termed strictly laboratory procedures appears, therefore, to be unrestricted. There has been an increasing demand for this type of control for substances believed to have carcinogenic properties, and some may feel that there has been undue delay in securing official recognition for the dangers in terms of legislation. Similar delays are unlikely to occur in future, now that the hazards are recognised and the legislation is organised.

Crime Prevention Certificates?

THERE is considerable support among police and other authorities for a proposal that all business property owners and householders should be required to obtain "crime prevention certificates" from their local police authority. The certificates would be issued after a check on security arrangements made by special officers appointed for the purpose. The idea is that, after a certain period of time—probably about a year—owners of premises without such a certificate would be subject to court action. The plan was put recently to the Association of Municipal Corporations by a member of its police committee. Legislation would be needed to carry out the plan but, as the committee member pointed out, precedents were "in abundance." For example, occupiers or owners of premises are legally required to obtain a fire certificate from the fire authority under the Offices, Shops and Railway Premises Act, 1963.

The Association, however, has turned down the suggestion of its police committee, though they have, they say, "some sympathy" with it. Two reasons given for the rejection were the present police man-power situation and "the inevitability of human lapses." Many police chiefs, however, argue that, although the initial work would be considerable, it would be outweighed by the possible saving in man-power as a result of safer and more burglar-free premises. "Better bolts and all the other safety measures we would require," as one police chief put it, "would certainly put many thieves out of business for good." It should surely also bring savings in insurance premiums.

Overseas Trade in Pharmaceuticals

EXPORTS of medicinal and pharmaceutical products during November, 1966, were, in company with the country's total exports, at peak levels. The month's total of division 54 of the Board of Trade's "Overseas Trade Accounts" (H.M. Stationery Office, price 30s.) which included £602,000 for surgical dressings, etc., was £6,889,000 and brought the aggregate for the eleven

EXPORTS	£'000		£'000		£'000
Vitamins in bulk	179	Organotherapeutic glands, etc.,		Sulphonamides in bulk	152
" products	100	" " in bulk	9	" tablets	30
Antibiotics		" products	8	" other products	50
Penicillin in bulk	265	Sera and vaccines	123	Proprietary medicines	2,251
" injections	64	Aspirin in bulk	42	Unclassified medicines	837
" tablets, ointments, etc.	196	" products	52	IMPORTS	
other antibiotics in bulk	357	Antihistamics products	53	Vitamins	33
" products	590	Antipaludics products	81	Antibiotics	251
Alkaloids in bulk	100	Barbiturates in bulk	79	Alkaloids	36
" products	23	" products	22	Glycosides, glands, sera, vaccines	47
Hormones in bulk	301	Medicated confectionery	176	Proprietary and veterinary medicines	205
" products	292	Ointments, liniments*	78	All other	143
Glycosides	50	Surgical dressings	602	* Not elsewhere specified	

months of 1966 to £66,704,000 (against £61,147,000 in the corresponding period of 1965).

A breakdown of the various items making up that division total is given in the accompanying table. Included are also a few pharmaceutical chemical exports from another division and imports under division 54.

The main surprise, so far as destination of exports is concerned, was provided by Japan which, with purchases worth £387,000, was for the first time Britain's largest single market. Exports to that country in the eleven months were up by about 300 per cent. Exports to the Irish Republic were worth £383,000, while other markets taking more than £300,000-worth were the United States (£335,000), France (£328,000), Australia and New Zealand (£320,000 each) and Nigeria £311,000).

On the import side, purchases from West Germany cost £138,000, Belgium, £134,000, and from the U.S. and the Irish Republic £87,000 each. More than one-third by value of imports were for antibiotics.

NEW FILMS

Vision in the High Street

CECIL MUSK, in association with the Film Producers' Guild. Issued by Central News, Ltd., on behalf of the Glass Advisory Council, 6 Mount Row, London, W.1. 16-mm. Eastmancolour. Sound. Running time 31½ minutes.

THEME of the film is the profitability of shop modernisation. Directed by Cecil Musk, it concerns the economic, financial and aesthetic considerations that enter into the conversion of outdated retail premises to adapt them to modern merchandising needs. The film deals with such topics as: design, planning permission, finance, interior and



exterior planning as seen through one man's experience, but it also contains case histories featuring a wide range of retailer interests, illustrates individual shopkeepers' trading problems, and shows how shop modernisation helped to overcome them. Many pharmacies that have been modernised show how modernisation has been interpreted for varied types of business. Copies of the film are available for showing to various types of audience. Application should be made to the Glass Advisory Council.

Treatment of Burns Management of Multiple Injuries

STANLEY SCHOFIELD PRODUCTIONS, LONDON, under the auspices of the Royal College of Surgeons. 16-mm. Sound. Colour. Running time 20 minutes.

THE two films are the first of a series of films on surgical subjects to be produced under the auspices of the Royal College of Surgeons and made possible by a grant from Merck Sharp & Dohme International, New York, U.S.A. "Treatment of Burns," was filmed mainly at the McIndoe Burns Centre, Queen Victoria Hospital, East

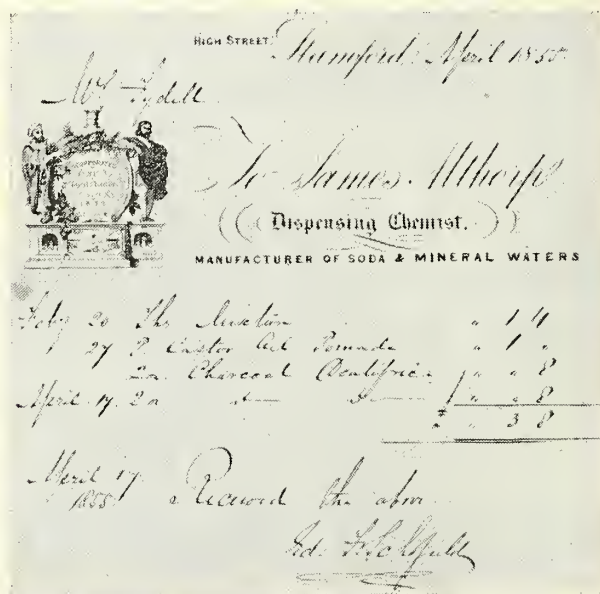
Grinstead, "Management of Multiple Injuries" at the Birmingham Accident, Luton and Dunstable and Barnet General hospitals. Distribution in the United Kingdom is by Merck Sharp & Dohme, Ltd., Hoddesdon, Herts, to whose medical film library applications for free loan copies should be addressed.

Onward from Galen

SIDELINES OF CURRENT COMMENT

★ PET PRESCRIPTIONS ★

No doubt it was a good idea for the *Practitioner* to ask twenty doctors in general practice to contribute articles on their "favourite prescriptions." Each was asked to examine his drug armamentarium, and the contributions, which appear in the January issue, show evidence of much heart searching into the motivation for any preference or charge of preference. But the resulting symposium can give scant comfort to the pharmacist faced with "dead" stock or prescriptions for an unheard-of new proprietary every other morning. He may, however, come away with a greater feeling of sympathy with the man at the other end of the pen as he faces his problems. One contributor writes—of the doctor having to choose between products—"If he is honest with himself he will find his reasons are sometimes illogical, non-existent, or even bizarre." Many contradictions appear. One writer condemns a seven-ingredient mixture as "a time-wasting and inaccurate method of prescribing digitalis," while another offers formulas, saying of the originator: "The proprietary pride displayed by the doctor did much in itself to promote the patient's well-being." The advice of one doctor to patients with a common cold to go to the chemist and choose a product for themselves, contrasts with another's comment that "patients will tell you there is a difference between doctor's medicine and chemist's medicine, although the formula is identical." "Perhaps they are right," he says, "for the doctor is a craftsman, and a craftsman must handle his tools . . . or am I just rationalising magic?" One general impression from the symposium is that most doctors recognise their limitations, learn a good deal about a few drugs they have found effective, and remain faithful to them. One writes: "Analysis of my favourite prescriptions has made me acutely aware of my need for help and guidance in this jungle of drugs." Is there a pharmacist in the house?



PRICES IN 1855: Invoice and receipt issued by James Althorpe, dispensing chemist, High Street, Stanford, Lincs., on April 17, 1855 for a mixture, pot of castor-oil pomade, and two issues of 2 oz. of charcoal dentifrice. Total value: 3s. 8d.

Pharmaceutical Society of Ireland

MONTHLY MEETING OF COUNCIL

(Concluded from THE CHEMIST AND DRUGGIST, December 31, 1966, p. 623)

SPEAKING on an item in the report of the Law Committee, Mr. D. J. KENNELLY advised pharmacists to ensure that they were not "used" by companies sponsoring "gimmicky medicines," advertised as having been "recommended by your chemist." MR. WALSH considered that a statement should be issued by the Society on the subject.

The Society's inspector reported that, following investigations, he had established that a number of prescriptions in the Dublin area had been forged and that appropriate action had been taken.

THE PRESIDENT recalled a pharmacist's statement, at the recent Irish Pharmaceutical Association congress, that a doctor had told him that pethidine was freely available in his area. The doctor had since been contacted. He had not been able to recollect telling the pharmacist that pethidine could be procured without restriction. It was recommended that the pharmacist concerned should be informed of the position.

A letter from a Cork resident reported that his sister was procuring sleeping tablets without a doctor's prescription, and requesting the Society's help in tracing their source, and Mr. J. B. MURPHY said he would be surprised if any chemist in Cork was supplying the tablets without a prescription. MR. R. J. POWER asked whether the lady might have obtained them through a dispensary as a psychiatric patient. It was decided to appeal to pharmacists to be on their guard, and to remind them of the serious nature of such abuses. The Cork complaint was to be investigated.

An Emblem for Pharmacists to Wear

A report on the capacity of the college had been submitted by Professor Timoney. Mr. Walsh was informed that the brochure on pharmacy as a career was ready for distribution among secondary schools, and it was agreed to circulate the brochure without delay. MR. WALSH also reported that the Practice of Pharmacy Committee had recommended a particular 9-carat emblem to be worn as a distinguishing mark by pharmacists. The Council approved of the design, and the emblem would be available shortly at 25s. It was being confined to pharmacists and qualified assistants whose names were on the registers.

MR. D. W. P. BOYD (director, Post-graduate Education Committee) reported that *Telefis Eireann* was prepared to devote time to an illustrated lecture on poisonous plants, and the Council gave approval for the preparation of such a programme.

Mr. Walsh was appointed chairman, *pro tem*, of a committee to investigate the feasibility of creating a 1916 commemoration library in the College. A notice of motion in Mr. Walsh's name urged such a step in view of the lack of library facilities available to members, students and others. THE PRESIDENT said that all were aware that existing facilities were inadequate. They would like to see a proper library established, but it would be a fairly expensive undertaking, necessitating the erection of a separate building and running into a four-figure sum.

MR. WALSH pointed out that the Society was the only learned body without a comprehensive library.

Standing orders were suspended to enable THE PRESIDENT to propose a vote of sympathy to Bean Uí Cheallaigh on the death of her husband, the former President of Ireland.

THE REGISTRAR reported the deaths of Joseph Dargan, M.P.S.I.; Pierce Hickey, M.P.S.I.; Eileen Chute, M.P.S.I. and Kathleen Corby, L.P.S.I.

Apologies for inability to attend were received from Messrs. T. R. Miller, J. Gleeson, V. G. McElwee and Miss Cuniffe.

The Licence certificates of the following were signed and sealed:— M. J. Browne, Blackstoops, Enniscorthy, co. Wexford; D. Carroll, Kill, Kilmacthomas, co. Waterford; D. J. Cahill, 13 Merton Drive, Ranelagh, Dublin, 6; R. F. Cusack, St. Joseph's, Brighton Road, Foxrock, co. Dublin; J. J. Holly, 85 North Main Street, Youghal, co. Cork; S. M. S. O'Duibhir, 34 Priomh Sraid, Caiseal Mumhan, co. Tiobraid Arann; T. V. Walsh, Celbridge, co. Kildare; Bridget B. Collins, Kilkeel, co. Clare; Geraldine E. Good, 17 Whitebeam Road, Clonskeagh, Dublin, 14; Bridget F. Greene, 31 Páirc Mhuire, Tullow, co. Carlow; Mary T. C. Heffron, Tonree, Moygownagh, Ballina, co. Mayo; Blathnaid A. Hughes, Roscaoin, Altamont Street, Westport, co. Mayo; Mary P. McGrath, Herbertstown, Kilmallock, co. Limerick; Mary E. Power, Martindale, 418 Howth Road, Raheny, Dublin, 5; Margaret M. Reen, Main Street, Millstreet, co. Cork.

The following changes of address were noted:— Mrs. Annetta M. Keane, M.P.S.I., to 170 Barton Road East, Dundrum Heights, Dublin, 14; Patrick A. MacMahon, M.P.S.I., to Dunmahon, South Circular Road, Limerick; Mrs. Teresa Breslin, L.P.S.I., to 9 Fir House, Mespil Flats, Sussex Road, Dublin, 4; Mrs. Marie Twomey, to Marius, Boreenmanna Road, Cork.

Mrs. Teresa Breslin (*née* McLaughlin), L.P.S.I., and Mrs. Mary T. J. Twomey (*née* Fogarty), who submitted marriage certificates, were granted change of names in the Registers.

Mrs. Ellen Philomena Butler (*née* Shanahan); Mrs. Eileen Hassett (*née* O'Neill); Richard Francis Chute and Mrs. Bridget Stokes (*née* O'Donovan) were restored to the Register of Pharmaceutical Chemists.

Kathleen A. Sweetman, Farnagaw, Bandon, co. Cork; Theresa A. Martin, Cahernorry, Drombanna, Limerick; Maria L. Wynne, Northlands, Grange Park, Waterford; Ann A. O'Neill, 9 Hollyville, Lucan Road, Palmerstown, co. Dublin; Eileen M. Cassidy, 283 Harold's Cross Road, Dublin, 6, and Alice Kelly, Ballyduff, Ballylanders, co. Limerick, were granted registration in the Pharmaceutical Assistants' Preliminary Register.

Elected to membership was J. J. McGorisk, L.P.S.I., 43 Woodbine Avenue, Blackrock, co. Dublin. S. M. Seosamh O'Duibhir, L.P.S.I., 34 Priomh Sraid, Caiseal Mumhan, co. Tiobraid Arann; Mrs. Eileen Hassett, L.P.S.I., Ballyhannon House, Quin, co. Clare, and Mrs. Ellen Philomena Butler, L.P.S.I., Abbey Street, Wicklow, were nominated for membership.

Members present were Messrs. R. J. Power, W. E. Boles, H. P. Corrigan, M. Costello, C. J. Cremen, D. J. Kennelly, F. Loughman, J. B. Murphy, J. P. O'Donnell, G. C. O'Neill, T. B. O'Sullivan, R. J. Semplic and M. F. Walsh.

Benevolent Fund

Grants totalling £147 10s. were passed for payment at a meeting of the Benevolent Fund which followed. THE PRESIDENT referred to the annual dance in aid of the Fund the previous week, and paid tribute to the organisers and those who had supported it.

On behalf of the Committee he expressed the Council's deepest gratitude to Limerick Chemists' Association for its generous contribution of £325 to the Fund, and to the Kerry Chemists' Association for contributing the proceeds (£50) of its recent annual dinner. Both were "wonderful achievements."

A PHARMACIST'S ANTHOLOGY PORTRAIT OF A PHARMACIST

From "We Met at Barts" (*Autobiography of Geoffrey Bourne, M.D.*)

THERE was another character who will never be forgotten by those who came into contact with him. Langford Moore was the Pharmacist, having in his hands the organising and running of the dispensary proper, the storage of drugs and the supervision of the machines making pills, tablets,

ointments and other medicaments. These manufacturing activities went on in the basement below the dispensary. In it there was always a pleasant aroma of spices and balsams, and a low hum issued from the machines which were run by wheel and belt connections with rotating shafts under the ceiling. Tons of epsom salt, sacks of senna pods and mounds of roots, leaves and crystals, lay heaped in their appropriate corners and bins. Langford Moore had deep-set dark eyes, a big nose and bushy eyebrows; and his mobile face was set in a frame composed of black hair, a little black imperial beard and two dark curling moustachios like buffalo horns. His lips were thick

and expressive and they slapped together noisily when he pronounced the letter "P" in such words as opium. He conducted a class in pharmacy, in which he taught the sources, the visual appearances and the different pharmaceutical preparations of the various drugs in common use. His subject was apt to overflow imaginatively into the treatment of disease, and he rather fancied himself as a doctor, although he was not qualified. He used to mispronounce medical terms in an authoritative manner, and the accent in which he would enunciate "arthromatous" arteries, gave to this spurious label almost an air of superiority over the proper one, "atheromatous."

A Successful Modernisation at Worthing

ALTERED PHARMACY PROVES POPULAR WITH ALL

THE pharmacy of Martins the Chemist is situated in a shopping centre at West Worthing, Sussex, a prosperous residential district. Main modernisation of the 1,363 sq. ft. sales area with Counterpoint equipment was completed early in 1966, the final alterations and adjustments being finished some months later. The cost was marginally in excess of £2,300. The exterior was left untouched, though the window backs were removed, thus presenting an unhindered aspect into the sales area. Mr. Moore, the proprietor, intends to modernise the exterior and dispensary.

He has expressed satisfaction with the modernisation, and customers like it. Turnover has gone up on an already substantial business: 5 per cent. in January rising to 18 per cent. in June, then a fall to 7 per cent. in July, and since then settling down to 15 per cent. In June the 18 per cent. increase in turnover entailed only a 4.8 per cent. increase in customers. Average sale is 10s. a head.

In noting those figures it must be remembered that the same street supports a Boots branch, modernised during May 1966, a Timothy Whites branch modernised in November 1965, and a branch of a local multiple.

Partly Self-selection

With a stock of over 10,000 items, the price range of the merchandise varies greatly, so the new layout pro-

vides partly for self-selection and partly for service. A staff of sixteen is employed, mainly engaged in selling the higher-priced merchandise and in staffing all medicine counters. The lower-priced merchandise is displayed in centrally situated gondola units for self-selection, and Mr. Moore estimates that 60 per cent. of customers prefer to serve themselves.

Built originally as two separate shops, the pharmacy has a sales area encumbered with structural pillars and is of an awkward shape. A unity had to be imposed and a disciplined display of merchandise made possible.

An Overall Unity

Counterpoint wall units are fitted round the perimeter of the sales area. In themselves they impose a unity, which is enhanced by the crisp outline of their black pelmets, the illuminated signs which they incorporate, and the alternate pink and white back panels that add a touch of colour and lightness. The design of the fittings enables a controlled display of merchandise, and so, by the mere fact of installation, much of previous confusion was immediately cleared, and control of stock in the shop rendered much easier in the process.

In each of the main sections of the shop Counterpoint glass display counters front the wall units, drawing attention to the availability of service.

In the centre of the sales area there is an arrangement of 3 ft. 6 in. high Counterpoint gondola units for the display of self-selection merchandise. The low height of the units ensures that the entire shop is seen from every angle, and consequently all the merchandise is visible to every customer coming into the shop.

The left-hand entrance to the shop leads to the medicine sales area. Health foods, "patent" medicines, baby foods and diabetic and dietary foods are displayed on wall units fitted with shelving above and 2 ft. base units below, with glass bin displays on top. The base units alternate between open stock shelving and nests of drawers.

The central sales area has an arrangement of 3 ft. 6 in. high gondolas, some with open shelves throughout, others incorporating base units fitted either with open shelving or with glass display cases, and with either free or bin displays above. Tooth-pastes, antiseptics, tissues, baby foods, household cleaners, bath cosmetics, male toiletries, and allied merchandise are displayed in this self-selection area.

Entering by the shop's right-hand door there is first a photographic section, and then a counter display of hair brushes and dark glasses. The wall units behind are fitted with glass display cases above and with 3 ft. base units incorporating either nests of drawers or glass sliding doors for display.

Cosmetics on Display

The rear area of the section is devoted to a comprehensive cosmetic display. The wall units have glass display cabinets above, then two rows of open shelving below and base units fitted with glass sliding doors for stock display or nests of drawers, which accommodate manufacturer's tester units on top. There are two Counterpoint glass display counters in this area, one of which is set aside for luxury soaps and travel bags, the other for cosmetics. A notable feature is the eye-level perfume display cabinet constructed to utilise an otherwise unsightly structural column in the aisle area of this section.

In modernising the premises two small structural alterations were undertaken. The cosmetics area was enlarged by removing a partition, which previously housed a small office. On the other side of the shop a partition was removed to enlarge the medicine section.



General view of pharmacy. Counterpoint units are by Goodwin Storefitters, Ltd., Southend-on-Sea.

MODERNISATION OF A PHARMACY AT WORTHING, SUSSEX

Before



After



The "medicines area" of the shop. In the modernisation the area was slightly extended by eliminating an office at the rear. Both shots are from the same angle.



A view across the pharmacy. The greater visibility of merchandise in the new Counterpoint fixtures is apparent and the impression on the customer is of greater space and more light.



The dispensary. A goods lift at the right was retained for both sentimental and practical reasons.

GUIDE TO NEW MEDICAMENTS

Information about proprietary products supplied principally on prescription. Reprints on perforated gummed paper for affixing to index cards are obtainable from the Editor. Notes on the products are given on p. 22.

THE CHEMIST AND DRUGGIST Guide to New Medicaments, January 7, 1967

BETNOVATE scalp application

MANUFACTURER: Glaxo Laboratories, Ltd., Greenford, Middlesex.

DESCRIPTION: Colourless, slightly gelled alcoholic solution containing 0.1 per cent. w/w of betamethasone 17-valerate.

INDICATIONS: Steroid responsive dermatoses of the scalp.

METHOD OF USE: A small quantity should be applied morning and night until improvement is noticeable; it may then be possible to sustain improvement by applying once a day or less frequently.

PRECAUTIONS: The solution is flammable. It must be kept away from the eyes.

SIDE EFFECTS: Hypersensitivity.

SHELF LIFE: Approximately eighteen months.

PACK: 30-mil plastic squeeze bottle.

SUPPLY RESTRICTIONS: Therapeutic Substances Act.

FIRST ISSUED: December 1966.

THE CHEMIST AND DRUGGIST Guide to New Medicaments, January 7, 1967

DOLALGIN tablets

MANUFACTURER: May & Baker, Ltd. DISTRIBUTOR: Pharmaceutical Specialities (May & Baker), Ltd., Dagenham, Essex.

DESCRIPTION: White uncoated tablets, marked "Dolalgin" on one face, scored on the other, each tablet containing 60 mgm. of butobarbitone, 10 mgm. of codeine phosphate and 375 mgm. of paracetamol.

INDICATIONS: Where sedative, analgesic and antipyretic properties are required in such conditions as dysmenorrhoea, neuralgia, myalgia, neuritis, arthritis, toothache, migraine, influenza and insomnia due to pain.

DOSEAGE: Up to three tablets as a single dose, or where repeated administration is required, one or two tablets three times a day.

PACKS: Containers of fifty and 500.

SUPPLY RESTRICTIONS: P.I., S.I., S.4A.

FIRST ISSUED: January 1967.

PLACING ON C. & D. TABLET AND CAPSULE IDENTIFICATION GUIDE: White, 16/32, P, R. Cv/Cv, —, N/H.

THE CHEMIST AND DRUGGIST Guide to New Medicaments, January 7, 1967

R₃ screen test and titration set

MANUFACTURER: Princeton Laboratories, New Jersey, United States. DISTRIBUTOR: Denver Laboratories, Ltd., 12 Carlisle Road, London, N.W.9.

DESCRIPTION: Slide and titration tests for the detection of rheumatoid arthritis. R₃ screen test set includes eosin reagent, latex reagent, positive control tests and special glass slide, sufficient for 100 tests (including controls). R₃ titration set includes sufficient stabilised antigen and concentrated buffer tablets to run twenty-five to fifty quantitations (each of seven tubes).

INDICATIONS: Sero-diagnosis of rheumatoid arthritis.

METHOD OF USE: See manufacturer's literature.

STORAGE: May be stored for at least one year at 5°C. Must not be frozen.

PACKS: R₃ screen test: kit sufficient for 100 tests. R₃ titration set: kit sufficient for 25-30 assays.

FIRST ISSUED: January 1967.

THE CHEMIST AND DRUGGIST Guide to New Medicaments, January 7, 1967

THEAN 300 tablets and THEAN 400 injection

MANUFACTURER: Astra-Hewlett Ltd., King Georges Avenue, Watford, Herts.

DESCRIPTION: Round, white tablets scored on one side and imprinted "t" on either side of the score, each containing 300 mgm. of proxiphylline, and ampoules each containing 400 mgm. of proxiphylline in 4 mls.

INDICATIONS: Chronic bronchitis and bronchial asthma.

DOSEAGE: Adults: one tablet three times a day. Children (7-14 years): half a tablet three times a day. Injection. Adults, 3 to 4 mls. by intramuscular or slow intravenous injection.

PACKS: Containers of fifty and 250 tablets. Box of five 4-mil ampoules.

SUPPLY RESTRICTIONS: Recommended on prescription only.

FIRST ISSUED: January 1967.

THE CHEMIST AND DRUGGIST Guide to New Medicaments, January 7, 1967

ALLPYRAL-G allergen extracts

MANUFACTURER: Dome Laboratories, Allergy Unit, Division of Miles Laboratories, Ltd., Stoke Court, Stoke Poges, Slough, Bucks.

DESCRIPTION: Sterile extracts (pyridine extracted, alum precipitated) of five common grass pollens suspended in 0.9 per cent. saline containing 0.4 per cent. phenol as a preservative. Each treatment set comprises three vials containing respectively 10,000, 1,000 and 100 protein nitrogen units per ml.

INDICATIONS: Hyposensitisation of patients suffering from hay fever and pollen asthma.

CONTRAINDICATIONS: Children under fourteen years should be treated in the first instance according to the schedule for "very sensitive" adults.

DOSEAGE: By subcutaneous injection. A complete course comprises seven to nine injections (see manufacturer's literature).

STORAGE: Should be stored at 5°C.

PACKS: Complete ready-to-use expanded polystyrene treatment set including one sterile disposable syringe and needle for each injection of the prescribed course.

SUPPLY RESTRICTIONS: Recommended on prescription only.

FIRST ISSUED: November 1966.

THE CHEMIST AND DRUGGIST Guide to New Medicaments, January 7, 1967

BRONTISOL aerosol

MANUFACTURER: Brocades (Great Britain), Ltd., Trend House, Pyrford Road, West Byfleet, Surrey. DISTRIBUTOR: Camden Chemical Co., Ltd., 61 Grays Inn Road, London, W.C.1.

DESCRIPTION: Metered-dose aerosol containing in each ml of suspension 2 mgm. of depropine citrate and 3 mgm. of isoprenaline hydrochloride. Each 15-mil cartridge delivers 300 measured doses of 0.1 mgm. of depropine citrate and 0.15 mgm. of isoprenaline hydrochloride.

INDICATIONS: Asthmatic bronchitis, asthma, chronic bronchitis.

DOSEAGE: Adults: One to three inhalations every four or five hours. Children: One or two inhalations every four or five hours. Not more than twelve inhalations should be administered in twenty-four hours.

PRECAUTIONS: Should be used with caution in the presence of impaired cardiac function, tuberculosis, diabetes, hyperthyroidism or hypertension.

PACK: 15-mil cartridge (300 doses) with plastic mouthpiece.

SUPPLY RESTRICTIONS: Recommended on prescription only.

FIRST ISSUED: January 1967.

THE CHEMIST AND DRUGGIST Guide to New Medicaments, January 7, 1967

EPSIKAPRON preparations

MANUFACTURER: AB Kabi, Stockholm 30, Sweden. DISTRIBUTOR: Vestric Ltd., Chapel Street, Runcorn, Ches. (and all branches).

DESCRIPTION: Aminocaproic acid. Available as injection, given slowly by intravenous infusion, containing 0.4 gm./mil; syrup containing 30 per cent. w/v; and effervescent powder 50 per cent. in sachets of 6 gm. each containing 3 gm. of aminocaproic acid and soluble in half to one glass of cold water.

Antifibrinolytic agent.

INDICATIONS: Fibrinolytic bleeding conditions, general and local.

CONTRAINDICATIONS: Renal insufficiency.

DOSEAGE: A loading dose of 0.1 gm./kilo bodyweight should be followed by maintenance dosage according to the condition (see manufacturer's literature).

SIDE EFFECTS: Some patients experience nausea or diarrhoea which clears up when the dosage is reduced. Orthostatic symptoms are sometimes noticed but are usually counteracted by 1 mgm. of ergotamine twice daily perorally.

STORAGE: At normal room temperature. SHELF LIFE: An expiry date is given on injection solutions. Oral preparations have a long shelf life.

PACKS: Injection solution: pack of six ampoules each of 10 mls. Syrup: bottle of 250 mls. Effervescent powder: pack of thirty sachets each of 6 gm.

SUPPLY RESTRICTIONS: Recommended on prescription only.

FIRST ISSUED: December 1966 (replacement monograph).

THE CHEMIST AND DRUGGIST Guide to New Medicaments, January 7, 1967

ALOPECININ tablets and pomade

MANUFACTURER: Nationwide Pharmaceuticals, Ltd. DISTRIBUTOR: McClure, Young & Co., Ltd., 8 Standard Road, London, N.W.10.

DESCRIPTION: White tablets, each containing 10 mgm. of ammoidin (methoxsalen), 5 mgm. of ammidin (principles from *Ammi majus*) and 50 mgm. of calcium pantothenate. White ointment (pomade) containing 0.75 per cent. of ammoidin, 0.25 per cent. of ammidin and 2 per cent. of D-sodium pantothenate.

INDICATIONS: Treatment of alopecia (areata or totalis) and premature baldness.

CONTRAINDICATIONS: Liver dysfunction. Should be used only in healthy adults.

DOSAGE: As prescribed by the physician but dependent upon age, weight and resistance. Usually three tablets daily are required.

NOTES: Treatment with tablets or pomade should be combined with ultraviolet radiation.

PRECAUTIONS: Liver function tests should be performed regularly. Dosage should be reduced or withheld if the patient is intolerant to the drugs.

SHELF LIFE: Two years.

PACKS: Tube of thirty tablets and pot of 1 oz. of pomade.

SUPPLY RESTRICTIONS: P.I., S.4B.

FIRST ISSUED: 1959. Promoted 1966.

THE CHEMIST AND DRUGGIST Guide to New Medicaments, January 7, 1967

LEUCODININ ointment

MANUFACTURER: Nationwide Pharmaceuticals, Ltd. DISTRIBUTOR: McClure, Young & Co., Ltd., 8 Standard Road, London, N.W.10.

DESCRIPTION: White ointment containing 10 per cent. of methyl-4-hydroxyphenol.

INDICATIONS: Hyperchromic conditions such as cicatricial, reactional (to chemicals, etc.) and peripheral pigmentations.

METHOD OF USE: The areas should be covered with the ointment twice a day.

PRECAUTIONS: Solar radiation should be avoided.

NOTES: A diet rich in vitamin C is recommended.

SHELF LIFE: One year. PACK: Pot of 1 oz.

FIRST ISSUED: 1960. Promoted 1966.

THE CHEMIST AND DRUGGIST Guide to New Medicaments, January 7, 1967

NEOSPORIN eye drops

MANUFACTURER: Burroughs Wellcome & Co., Wellcome Building, Euston Road, London, N.W.1.

DESCRIPTION: Eye drops containing in each mil 5,000 units of Aerosporin brand polymyxin B sulphate, 1,700 units of neomycin sulphate and 0.025 mgm. of gramicidin.

INDICATIONS: External bacterial infections of the eye including acute and chronic conjunctivitis, blepharitis, styes and corneal ulcers. Prophylactic use before and after surgery and after removal of foreign bodies.

METHOD OF USE: One or two drops should be instilled into the eye two to four times daily, or more frequently as required. Suitable for all age groups.

NOTES: The solution must not be injected.

PACK: Dropper tube of 5 mls.

SUPPLY RESTRICTIONS: Therapeutic Substances Act.

FIRST ISSUED: November 1966.

THE CHEMIST AND DRUGGIST Guide to New Medicaments, January 7, 1967

OILATUM bath oil

MANUFACTURER: Stiefel Laboratories (U.K.), Ltd., 14 James Street, Covent Garden, London, W.C.2.

DESCRIPTION: Light blue liquid containing 5 per cent. of acetylated wool alcohols, 63.7 per cent. of liquid paraffin, 25 per cent. of isopropyl palmitate and 5 per cent. of polyethylene glycol 400 dilaurate.

INDICATIONS: Treatment of contact dermatitis, atopic dermatitis, senile pruritus, ichthyosis and related conditions. Infant bathing.

CONTRAINDICATIONS: Dermatoses characterised by over-active sebaceous glands.

METHOD OF USE: ½-1 oz. of oil should be added to the tub containing about 8 in. of warm water. The patient should soak in it for ten to twenty minutes.

NOTES: Patients should be warned against slipping in bath tub.

PACK: Blue plastic bottle of 5 fl. oz.

FIRST ISSUED: October 1966.

THE CHEMIST AND DRUGGIST Guide to New Medicaments, January 7, 1967

HAVAPEN tablets

MANUFACTURER: John Wyeth & Brother, Ltd., Huntercombe Lane South, Taplow, Maidenhead, Berks.

DESCRIPTION: White, uncoated tablets, marked "Wyeth" on one side, each containing 350 mgm. (510,000 units) of penamexillin.

INDICATIONS: Treatment of infections such as tonsillitis, pharyngitis, sinusitis, pneumonia, bronchitis, cellulitis, erysipelas and otitis media, caused by penicillin-sensitive organisms.

CONTRAINDICATIONS: Sensitivity to penicillin.

DOSAGE: One tablet eight hourly.

SIDE EFFECTS: Occasionally transient diarrhoea may occur, as with other penicillin compounds.

SHELF LIFE: Two years.

PACK: Bottle of 100 tablets.

SUPPLY RESTRICTIONS: Therapeutic Substances Act.

FIRST ISSUED: December 1966.

PLACING ON C. & D. TABLET AND CAPSULE IDENTIFICATION GUIDE: White, 13/32, P, R, Cv/Cv, —, M/-.

THE CHEMIST AND DRUGGIST Guide to New Medicaments, January 7, 1967

AMENDMENTS**OXATETS capsules and tablets**

DESCRIPTION: Red and black capsules, embossed "Co-tab 0/93," each containing 250 mgm. of oxytetracycline hydrochloride. Yellow, sugar-coated tablets, embossed "Co-tab 0/94," each containing 250 mgm. of oxytetracycline dihydrate.

THE CHEMIST AND DRUGGIST Guide to New Medicaments, January 7, 1967

New products

ALOPECININ tablets: White, 10/32, P, R, F/F, B2, —.

DOLALGIN tablets: White, 16/32, P, R, Cv/Cv, —, N/H.

EXTIL tablets: G8, 11/32, P, R, Cv/Cv, —, 361/—.

HAVAPEN tablets: White, 13/22, P, R, Cv/Cv, —, M/—.

Additions

METAMSUSTAC 7.5 mgm. tablets: White, 10/32, P, R, F/F, B2, —.

METAMSUSTAC 15 mgm. tablets: White, 13/22, P, R, F/F, B2, 172/—.

PEPTACOL 10 mgm. tablets: C2, 10/32, P, R, F/F, B2, 172/—.

PEPTACOL 20 mgm. tablets: C2, 13/32, P, R, F/F, B2, 172/—.

*** Products changed in appearance**

MYLODEX "A" tablets: F6, 11/32, P, R, Cv/Cv, —, —.

MYLODEX "I" tablets: F6, 11/32, P, R, Cv/Cv, —, —.

SAVENTRINE tablets: Special category, White, 9/32, P, R, F/F, B2, 172/—.

SUSTAC 2.6 mgm. tablets: A16, 10/32, P, R, F/F, B2, 172/—.

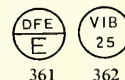
SUSTAC 6.4 mgm. tablets: B16, 13/32, P, R, F/F, B2, 172/—.

VIBAZINE 25 mgm. tablets: White, 8/32, P, R, Cv/Cv, —, 348/362.

Amendments

QUINALSPAN tablets: Special category, A36, 13/32, P, R, F/F, B2, 172/—.

6 Shows pinkish speckles.

Additions to table of markings**NEW BOOKS****Kerley's Law of Trade Marks and Trade Names**T. A. BLANCO WHITE. *Sweet & Maxwell, Ltd.* 11 New Fetter Lane, London, E.C.4. 9½ x 6 in. Pp. 761. £8 8s.

"KERLEY" is a standard book on the English law of trade marks, its eminence achieved through eight previous editions. The author of the new edition has brought the text up to date, and has taken the opportunity of revising the arrangement in some details. The comprehensiveness of the work must appeal to all who are concerned with trade-mark problems. The main text deals with the law as at June 1, 1965, but numerous later cases are noted in the addendum. Although the work is primarily a legal textbook, persons in the pharmaceutical industry whose work requires them to be concerned with trade-mark matters will find it a useful addition to their book shelves.

TRADE REPORT

The prices given are those obtained by importers or manufacturers for bulk quantities or original packages. Various charges have to be added whereby values are in many instances augmented before wholesale dealers receive the goods into stock. Crude drugs and essential oils vary greatly in quality and higher prices are charged for selected qualities.

LONDON, JANUARY 4: The year has begun with a thorough overhaul of the prices of the major VITAMINS, the changes all being in a downward direction.

Besides the reduction in PYRIDOXINE referred to in last week's report, the kilo rates for ANEURINE HYDROCHLORIDE were reduced by 5s. 6d. with MONONITRATE down 7s.; ASCORBIC ACID by 3s.; NICOTINAMIDE by 7s. and RIBOFLAVINE by 15s. 6d. MERCURIALS may fall as a result of easing in MERCURY to £175 per flask from a range of £180-£200.

Spot holders of CANADA BALSAM increased their prices by sixpence per lb. reflecting the tight position at origin. Among other BALSAMS, COPAIBA was sixpence per lb. lower for shipment and PERU threepence lower. BELLADONA LEAVES and HERBS were easier by threepence a lb. throughout but the ROOT, unchanged in months, went up by twopence to threepence per lb. HYDRASTIS was marked up by 4s. 6d. per lb. on the spot while origin was not offering. Para TONQUIN BEANS appear to have been cleared on the spot after business was done at around 9s.-9s. 6d. per lb.; stocks at origin were also said to be exhausted until the new crop becomes available which will not be before nine months. More COLOCYNTH PULP was being offered at twopence per lb. under previous rates.

Chinese CITRONELLA OIL was reduced by fivepence per lb. for forward delivery and spot by twopence.

Pharmaceutical Chemicals

ANEURINE.—HYDROCHLORIDE (per kilo) in one-kilo lots, 96s. 6d.; 10-99 kilos, 94s. 6d. per kilo. The MONONITRATE is 100s. and, 98s. for similar quantities.

ASCORBIC ACID.—One kilo, 32s.; 10 kilos 31s. per kilo; 25 kilos, 29s. Coated is 2s. 6d. per kilo more and SODIUM ASCORBATE 7s. kilo more than the acid.

CALCIFEROL.—One-kilo lots are from 2s. 7½d. per gm. in standard packages.

CALCIUM PANTOTHENATE.—92s. 6d. per kilo for 1 to 9 kilo lots.

CHLOROXYLENOL.—B.P.C. 5s. 10d. per lb. for 1-cwt. lots.

CITRATES.—(Per kilo):—

	50 kilos	250 kilos	1,000 kilos
	s. d.	s. d.	s. d.
SODIUM ...	5 4	4 10	4 8
POTASSIUM...	5 7	5 1	4 11
IRON AND AMMONIUM	9 8	9 4	9 1

CREAM OF TARTAR.—Home-trade:—One-ton lots, 241s. per cwt.; 10-cwt., 242s.; 5-9 cwt., 243s.; 2-4 cwt., 244s.; 1-cwt., 245s. (If supplied in bags deduct 5s.)

CREOSOTE.—B.P.C., 1959, ex beechwood, 100 kilos, 16s. 6d. per kilo; 500 kilos, 16s. CRESOL.—B.P. quality, 7s. 9d. per gall. in 5-gall lots.

CYANOCOBALAMIN.—100-gm. lots are 52s. 6d. per gm.

DICOPHANE (D.D.T.).—One-ton lots, 70-74 per cent., 2s. 3d. per lb.

EPHEDRINE.—HYDROCHLORIDE, 4s. 3d. per oz.

FOLIC ACID.—B.P. and U.S.P., 1-kilo lots, £16 10s. per kilo.

GLYCEROPHOSPHATES.—Per kilo in 50-kilo lots; CALCIUM, B.P.C., 28s. 2d.; IRON, 33s. 7d.; MANGANESE, N.E.X., 49s. 7d.; POTASSIUM, 50 per cent., B.P.C., 8s. 6d.; SODIUM, 50 per cent., B.P.C., 5s. 11d. and powder, B.P.C., 1949, 18s. 8d.; GLYCEROPHOSPHORIC ACID, 200 per cent., 10s. 8d.

HISTAMINE.—The ACID PHOSPHATE is £200 per kilo.

HOMATROPINE.—16-oz. lots (per oz.); ALKALOID, 30s. 6d.; HYDROBROMIDE 24s. 6d.; HYDROCHLORIDE, 28s. 6d.; METHYLBROMIDE, 25s. 6d.

HYDROGEN PEROXIDE.—For 27.5 per cent. by weight, £115 per ton; 35 per cent., £138.

HYDROQUINONE.—One-cwt. lots, 10s. per lb.; 1-ton, 8s. 6d.

HYDROXOCOBALAMIN.—For 100 gm. lots, 105s. per gm.

INOSITOL.—One kilo, 100s.; 10 kilos, 90s. per kilo.

IRON SALTS.—AMMONIUM CITRATE, 250-kilos, 9s. 4d. kilo; CARBONATE (SACCHARATED), B.P.C., 1949, 28-lb., 3s. 3d. lb.; 1-cwt., 3s. lb.; GLUCONATE, B.P.C., 4s. 9d. per lb. in 1-cwt. lots; OXIDE RED PRECIPITATED, B.P.C., 1949, 50-kilos, 7s. 4d. per kilo; PHOSPHATE, B.P.C., 7s. 7d. per kilo; QUININE CITRATE, 6s. per oz. in 100-oz. tin, nominal; SUBCARBONATE, 100-kilos, 6s. 0½d. per kilo; SULPHATE, B.P., crystals 1-cwt. 70s. per cwt.; 5-cwt., 65s. per cwt.; granular, 2s. 6d. per cwt. extra; exsiccated, 1-cwt., 126s., 5-cwt., 121s. per cwt.

LACTOSE.—B.P. in 1-ton lots packed in 1-cwt. paper-lined sacks, £129 10s. per ton delivered in the United Kingdom.

MENAPHTHENE.—(50-kilo lots). B.P. 112s. 6d. per kilo; ACETOMENAPHTHENE, B.P., 122s. 6d.; WATER-SOLUBLE (menadione sodium bisulphite), 78s. per kilo for 100-kilo lots.

MERCURY SALTS.—Per kilo for under 50-kilo lots—AMMONIATED powder, 142s. 1d.; PERCHLORIDE, 122s. 9d.; SUBCHLORIDE, 141s. 5d.; OXIDES, yellow, 148s. 2d. and red, 153s. 2d. IODIDE (25 kilo lots), 102s. 2d.

NICOTINAMIDE.—(Per kilo). One kilo, 31s. 6d.; 10-100 kilos, 28s. 6d.

NICOTINIC ACID.—One kilo, 26s. 6d.; 10-100 kilos, 23s. 6d. per kilo. Feed grade, 21s. to 23s. kilo as to quantity.

NIKETHAMIDE.—50-kilo lots are 52s. 9d. per kilo.

D-PANTHENOL.—One to 9 kilos, 170s. per kilo.

PARALDEHYDE.—B.P. in 12-winchester lots, 2s. 10d. per lb. (6s. 3d. kilo); 10-gall. carboys, 2s. 4d.

PREDNISOLONE.—ALCOHOL and ACETATE from 7s. per gm.

PREDNISONE.—One-kilo lots, ALCOHOL and ACETATE, 6s. 6d. per gm.

PROGESTERONE.—Price is 1s. 3d. per gm. for 1-kilo lots.

PYRIDOXINE.—One kilo, 185s. per kilo; 10 kilos, 182s. 6d.; 25 kilos upwards, 177s. 6d., per kilo.

RIBOFLAVINE.—One-kilo, 172s. and 10 kilos, 168s. per kilo. Feed-grade, minimum 96 per cent., 160s. and 155s. respectively.

SACCHARIN.—B.P. powder, 1 lb. and over, 15s. 6d. per lb.; SODIUM SALT, B.P., 14s.

SAL PRUNELLA.—Balls, 3s. 9d. per lb. in 1-cwt. lots.

SANTONIN.—5-kilo lots, 320s. per kilo.

SODIUM ACETATE.—B.P.C. 1949, 50-kilos, 4s. 0½d. per kilo.

SODIUM ACID PHOSPHATE.—B.P. crystals 5s. 10d. per kilo; POWDER, 7s. 7d.

SODIUM BENZOATE.—One-ton lots, 2s. 7½d. per lb.; 1-cwt., 2s. 9½d.

SODIUM BICARBONATE.—B.P., 1-cwt. bags £19 3s. per ton for 8-ton lots.

SODIUM BROMATE.—50 kilo lots, 12s. per kilo, 1,000 kilos, 9s. 6d. per kilo.

SODIUM CARBONATE.—(Per cwt.), B.P.C. exsiccated, 1-cwt., 90s.; 5-cwt., 85s.: 1-ton, 80s.

SODIUM CHLORIDE.—Vacuum dried, 172s. 9d. per ton in paper sacks for 6-ton lots, delivered London.

SODIUM FLUORIDE.—B.P.C., 1934, 50-kilo kegs, 9s. 9d. per kilo.

SODIUM FORMATE.—50-kilo lots, 6s. 4d. per kilo.

SODIUM HYDROXIDE.—FLAKE, £36 15s. per ton in 8-ton lots, STICKS, B.P. 1958, 50-kilos, 12s. 7d. per kilo in 5-kilo tins; PELLETS, 5s. kilo for 250-kilo lots.

SODIUM METABISULPHITE.—B.P. grade £48 per ton. Commercial grade less 10s. per ton.

SODIUM NITRITE.—B.P.C., 50-kilo kegs, 5s. 9d. per kilo.

SODIUM PANTOTHENATE.—Per kilo, 105s. for 1- to 9-kilo lots.

SODIUM PERBORATE.—(Per ton). TETRAHYDRATE (minimum 10 per cent. available oxygen), £142 5s. in 1-cwt. kegs; £134 15s. in 1-cwt. bags; PERBORATE MONOHYDRATE (minimum 15 per cent. available oxygen) is £309 15s.

SODIUM PERCARBONATE.—(Per ton), £173 15s. in kegs (bags £7 10s. per ton lower) for minimum 12½ per cent. available oxygen.

SODIUM SALICYLATE.—One-ton lots in bulk, 3s. 11d. per lb.; 5-cwt., 4s.; 1-cwt., 4s. 4d.

SODIUM SULPHATE.—B.P. from £15 per ton as to crystal B.P. exsiccated about £66 per ton, ex works.

SODIUM SULPHITE.—Four-ton lots; photo. quality, £30 per ton in bags.

SODIUM THIOSULPHATE.—In 4-ton lots, £36 per ton ex works.

SULPHUR.—(Approximate prices per lb), SUBLIMED FLOWERS, B.P., £70; TECHNICAL, £65; GROUND, £26 to £30; PRECIPITATED, B.P., £130; ROLL, £32 to £36. All ex store.

THIOGLYCOLLIC ACID.—Basic rates per lb. 97-98 per cent., 26-lb. packs, 15s.; 75 per cent., 11s. 6d. AMMONIUM THIOGLYCOLLATE, 40 per cent., pH 9.3 (24-lb. packs), 6s. 8d.; MONOETHANOLAMINE THIOGLYCOLLATE, pH 9.9 40 per cent., 9s. 10d. All carriage paid United Kingdom and subject to purchase tax.

UREA.—Pharmaceutical grade, £59 15s. per ton in 1-cwt. bags non-returnable; technical quality, £41 5s. per ton (4-ton lots).

VITAMIN A.—ACETATE powder 325,000 i.u. per gm. from 70s. to 75s. per kilo; 500,000 i.u. per gm., 105s. to 112s. 6d. Oily concentrate, up to 10,000 m.i.u., 2½d. per m.i.u. down to 2d. m.i.u. for 50-100,000 m.i.u.

VITAMIN D.—D₂ powder for tableting 850,000 i.u. per gm. 125s. per kilo; in oil, 1 million i.u. per gm. 67s. 6d. per kilo for 100,000 m.i.u. Crystalline: see under calciferol. D₃ in oil (1 mega per gm.), threepence per mega for less than 100-gm. ampule.

VITAMIN E.—Natural *d* alpha tocopheryl acetate, 1,000 i.u. gm., £16 per kilo; 10 kilos, £15 12s. 6d. per kilo. Acid succinate, hydrogen salt, 1 kilo, £25 5s. and £24 10s. as to quantity.

Crude Drugs

ACONITE.—Short on spot. Spanish *napellus* quoted at 3s. 6d. per lb.; no shipment offers.

AGAR.—Kobé No. 1, 23s. 6d. per lb. in bond; shipment, 22s. 9d., c.i.f.

ALOE.—(Per cwt.). Cape primes, spot, 235s.; shipment, 225s., c.i.f. and Curacao, 395s. spot; shipment, 375s., c.i.f.

ANISE.—Chinese STAR, 145s. per cwt. spot duty paid, f.a.q. for shipment, 117s. 6d., c.i.f.

ANNATTO.—Madras, f.a.q. seed, spot, 235s. per cwt.; shipment, 225s., c.i.f.

BALSAMS.—(per lb.): CANADA: Shipment, cleared; spot, 30s. COPAIBA: B.P.C. spot, 12s. 6d.; shipment, 7s. 6d., c.i.f.; PERU: 16s. 6d.; spot; shipment, January-February, 13s. 6d., c.i.f.; TOLU: B.P., from 12s. 6d.

BENZOLIN.—Sumatra block B.P.C., spot £27 per cwt.

BELLADONNA.—LEAVES, 4s. 3d. per lb., spot; shipment, 3s. 10d. c.i.f. HERR, 3s. 3d. spot; ROOT, 1s. 11d. per lb., spot; shipment, 1s. 9d., c.i.f.

BUCHU.—Spot, 8s. 6d. per lb.; shipment cleared.

CALUMBA.—Mozambique root, 125s. per cwt. spot.

CAMPOR.—B.P. powder for shipment, 4s. 4½d. per lb., c.i.f.; spot, 5s. 9d. duty paid.

CARDAMOMS.—(per lb.). Alleppy greens 22s., spot; shipment, 15s., c.i.f. Prime seed, spot, 34s.; shipment, 29s. 6d., c.i.f.

CASCARA.—Spot, 245s. per cwt.; shipment, new peel offered at 245s., c.i.f.

CASSIA.—*Lignea*, whole for shipment, no offers; spot, 360s. per cwt., duty paid.

CHAMOMILE.—Belgian flowers, 15s. to 16s. per lb., spot; German type, 7s. 6d.

CHERRY BARK.—Thin natural, on spot from 3s. per lb.; shipment 2s. 10d., c.i.f.

CHILLIES.—Zanzibar, spot, 365s. per cwt., shipment, 300s., c.i.f.; Mombasa, 400s., spot; shipment, 300s., c.i.f.

CINCHONA BARK.—*Succirubra* from 2s. to 2s. 6d. per lb. according to test.

CINNAMON.—Bark, Seychelles, 135s. cwt. spot; shipment, 105s., c.i.f.; QUILLS (c.i.f. per lb.). Ceylon; five O's, 10s. 1d.; firsts, 9s.; seconds, 8s. 11d.; quillings, 5s. 7d.

CLOVES.—Zanzibar, standard grade, spot quoted at 2s. 10½d. per lb.; shipment, 2s. 7½d., c.i.f.

COCHINEAL.—(Per lb.). Canary Isle silver-grey, 17s. 6d. spot, 16s. 6d., c.i.f.; black brilliant, spot, 20s. and shipment, 19s. 6d., c.i.f. Peruvian silver-grey, 13s., spot, and 12s. 6d., c.i.f.

COCILLANA.—Bark, 3s. 3d. per lb., on the spot. Scarce.

COLOCYNTH PULP.—Spot, 3s. 10d. per lb.; shipment, 3s. 9d.

DANDELION.—Root is 165s. per cwt., spot; shipment, 160s., c.i.f.

ERGOT.—Portuguese—Spanish, spot, 11s. per lb.; shipment, 10s. 6d., c.i.f., nominal, Continental, 9s., spot.

GENTIAN.—Root is firm at 215s. per cwt., spot, and 210s., c.i.f.

GINGER.—(Per cwt.). Nigerian split, 70s., spot; c.i.f. not offering; peeled, 170s., spot, shipment, 150s. to 160s. c.i.f. African, spot, 225s., Jamaican No. 3, spot, 260s., shipment, not offering; Cochon, spot, 220s.; shipment, new-crop, 160s., c.i.f.

GUM ACACIA.—Kordofan cleaned sorts, 187s. 6d. per cwt., spot; shipment, 165s., c.i.f.

HONEY.—(Per cwt., c.i.f.). Australian light amber, spot, 115s. to 120s.; and medium amber, 105s. to 110s. Argentine, 85s. to 90s.; Canadian, 170s. to 175s.; Mexican, 105s. to 110s.

HYDRASTIS.—Spot is 32s. 6d. per lb. No shipment offers.

IPECACUANHA.—Matto Grosso for shipment, 53s. per lb., c.i.f., spot, 55s. Costa Rican, 61s., spot; forward (second hand sellers), from 57s., c.i.f. Colombian, spot, 52s. 6d. shipment, 51s., c.i.f.

LOBELIA.—Dutch on the spot, 4s. 6d. per lb.; shipment, 4s. 3d. c.i.f. American, 12s. per lb. spot and 11s., c.i.f.

LYCOPodium.—Indian triple-sifted, 8s. 6d. per lb., spot.

MACE.—Whole No. 1, 14s. per lb., f.o.b. for forward delivery.

MENTHOL.—(Per lb.). Chinese shipment, 29s. 6d., c.i.f.; spot, 34s., duty paid. Brazilian for shipment, 29s. 6d., c.i.f.; spot, 34s. 6d. to 37s. 6d., duty paid as to brand.

MERCURY.—Spot, £175 per flask of 76 lb., ex warehouse.

NUX VOMICA.—Cochin, 110s. per cwt. on the spot; shipment, 80s., c.i.f.

ORANGE PEEL.—Spot: Sweet ribbon, 1s. 8d. per lb., bitter quarters: West Indian, 10½d.; Spanish, 4s. 9d.

PEPPER.—White Sarawak, 3s. 8½d. per lb. spot; shipment, 3s. 4d., c.i.f. Black Sarawak, 2s. 8d. spot; shipment, 2s. 5½d., c.i.f. Black Malabar, 305s., c.i.f. Brazilian black No. 1, 2s. 11d., duty paid.

PIMENTO.—Jamaican allocation at 740s. per cwt., c.i.f., delivered weights.

PODOPHYLLUM.—*Emodi* 200s., per cwt. spot; shipment, 175s., c.i.f.

QUILLAIA.—Spot is offered at 180s. per cwt. and shipment at 170s.

RHUBARB.—Various grades offered at from 12s. to 30s. per lb. spot.

SAFFRON.—Mancha superior, spot, 850s. per lb.; Rio, 780s.

SARSAPARILLA.—Jamaican native red, spot, 4s. 3d. per lb.; shipment, not offering.

SEEDS.—(Per cwt.)—ANISE.—Turkish 187s. 6d., duty paid. CARAWAY.—Dutch, 157s. 6d., spot. CELERY.—Indian offered at 150s., spot; shipment, 140s., c.i.f. CORIANDER.—Spot, duty paid: Moroccan, 115s.; Rumanian, whole 125s., splits, 115s.; Moroccan for shipment, 95s., c.i.f. CUMIN.—Spot, Cyprian, 285s.; Indian, 290s.; Moroccan, 290s., duty paid. DILL.—Indian, 120s., spot, nominal. FENNEL.—Chinese, 130s., duty paid; shipment Chinese, 110s., c.i.f.; Indian, 132s. 6d., c.i.f. FENUGREEK.—Moroccan, quoted at 80s., duty paid; shipment, 67s. 6d., c.i.f. MUSTARD.—English is in short supply for all qualities, 75s. to 95s., quoted.

SENEGA.—Spot, 29s. 6d. per lb.; shipment, 29s., c.i.f.

SENNA.—(Per lb.) Tinnevely LEAVES, spot; Prime No. 1, 2s. 3d.; No. 3, f.a.q., 1s. 3d. Shipment; No. 3, 1s. 1d., c.i.f. PODS Tinnevely hand-picked quoted from 2s. 2d. to 2s. 4½d.; manufacturing, 1s. 3d., shipment, 1s. 2d., c.i.f. Alexandria PODS: Hand-picked spot, 5s. to 7s.; manufacturing, forward, 1s. 11d., c.i.f.; spot, 2s. 6d.

SLIPPERY ELM BARK.—Spot offered at 3s. 9d. per lb.

SQUILL.—Italian, spot, 125s. per cwt.; shipment, 115s., c.i.f.

STRAMONIUM.—Continental LEAVES, 85s. per cwt., spot.

STYRAX.—Spot, 24s. 6d. per lb.; shipment, 24s., c.i.f.

TONQUIN BEANS.—Para, spot, cleared; shipment, no offers.

TRAGACANTH.—Ribbon, No. 1, £220 to £225 per cwt.; No. 2, £190 to £205.

TURMERIC.—Madras finger, 100s. per cwt., spot; shipment, 85s. to 87s. 6d., c.i.f.

VALERIAN ROOT.—Indian, spot, 245s., per cwt.; shipment, 235s., c.i.f. Continental root, 520s., spot; shipment, 475s., c.i.f.

VANILLIN.—(Per lb.), 5-cwt. lots, 21s. 6d.; 1-cwt., 21s. 9d.; 56-lb., 22s.; small quantities, 22s. 6d.

WAXES.—(Per cwt.). BEES'—Most sources nominal. CANDELLA, spot, 465s.; forward, 460s., nominal. CARNAUBA, fatty grey, spot, 265s.; shipment, 260s., c.i.f.; prime yellow spot, 430s.; shipment, 395s., c.i.f.

WITCH HAZEL LEAVES.—Spot and shipment nominally 6s. 6d. per lb.

Essential and Expressed Oils

BERGAMOT.—Spot rates are about 108s. per lb. for consortium oil.

BOIS DE ROSE.—Brazilian, spot, 18s. 6d. per lb.; shipment, nominal.

CEDARWOOD.—American from 7s. 6d. per lb. on the spot; East African, 8s. 6d.

CITRONELLA.—Ceylon spot 4s. per lb.; shipment, 3s. 8d., c.i.f.; Formosan 4s. 5d. in bond and 4s. 10½d. c.i.f.; Chinese 3s. 10d. in bond; 3s. 9d. c.i.f.

CLOVE.—Madagascar leaf for shipment, 6s. 9d., c.i.f., spot, 6s. 10d., in bond. Rectified, 10s. Distilled bud oil, ENGLISH, B.P., 26s. per lb., for 1-cwt. lots.

EUCALYPTUS.—Chinese, 80-85 per cent., 8s. 9d. per kilo in bond; shipment, 8s. 3d., c.i.f.

FENNEL.—Spanish sweet, 16s. per lb., duty paid.

GERANIUM.—Bourbon, 85s. to 87s. 6d., spot; Algerian, 75s.

GINGER.—Imported (per lb.); Indian, 165s.; Chinese, 75s.; Jamaican, 132s. 6d.

GRAPEFRUIT.—West Indian small lots on spot at 12s. 9d. per lb. Florida, 14s.

LAVANDIN.—Spanish from 20s. to 27s. per lb., as to quality.

LAVENDER.—French from 40s. to 60s. per lb. as to quality.

LEMONGRASS.—Spot, 23s. 6d. per kilo shipment, 23s., c.i.f.

PATCHOULI.—Spot, 50s. to 52s. 6d. per lb., duty paid; shipment, 40s., c.i.f.

PENNYROYAL.—Spot, 15s. per lb. duty paid; forward shipment, offers at 17s. duty paid.

PEPPERMINT.—(Per lb.). *Arvensis*: Chinese for shipment, 10s., c.i.f.; spot, 10s. Brazilian for shipment, 10s., c.i.f.; spot, 10s. *Piperita*: Italian spot, 75s.; forward shipment, 82s. 6d. American from 36s. to 56s., as to source.

PETITGRAIN.—Paraguay for shipment, 15s. 3d., c.i.f.; spot, 16s. 3d. per lb.

PIMENTO.—Imported BERRY, 110s.; English distilled, 390s.; LEAF, 24s. per lb.

PINE.—*Pumilionis*, 20s. per lb., *sylvestris*, 8s.; *abietis*, 14s.

ROSEMARY.—Spanish, 12s. per lb., duty paid.

RUE.—Spanish unobtainable on the spot.

SAGE.—Spanish, 21s. per lb.; Dalmatian 26s.

SANDALWOOD.—Mysore, spot, 107s. 6d. per lb. East Indian for shipment nominal.

SPEARMINT.—American oil on the spot, 74s. to 80s. per lb. Chinese, spot, 72s. 6d. per kilo, shipment, 70s. per kilo, c.i.f.

TANGERINE.—Sicilian new crop offers at from 29s. to 33s. per lb.

THYME.—Red, 27s. 6d. per lb., for 45-50 per cent., duty paid.

VETIVERT.—Bourbon, spot, 85s. per lb.

UNITED STATES REPORT

NEW YORK, JANUARY 3: A major producer of GLYCERIN has raised the prices of various grades by ¼ per cent. per lb., the natural refined now being 25½ cents. lb for truck loads. QUINIDINE was reduced from \$4.40 to \$3.83 per oz., and QUININE SULPHATE from \$2.90 to \$1.99.

BERGAMOT OIL dipped to \$17-\$19 a lb. but SANDALWOOD gained \$2.25 at \$20 a lb. RUE at \$5.50 was up 75 cents per lb., but lower were JUNIPER BERRY at \$17 (by \$1.50); Spanish SAGE at \$2.75 (50 cents), LAVENDER SPIKE, \$3.40 (10 cents), and Florida ORANGE, 42½ cents (2½ cents).

Brazilian MENTHOL was 5 cents lower at \$4.80 lb., despite firmer shipping costs.

TRADE MARKS

APPLICATIONS ADVERTISED
BEFORE REGISTRATION

"Trade Marks Journal," Dec. 21, 1966,
No. 4608

For common soap, soap powders, detergents (not for use in industrial or manufacturing processes) and preparations for laundry use (3) NOE, 885,010, by Kortman & Schulte, N.V., Rotterdam, 6, Holland.

For common soap (3) POLYTEX, 888,918, by Gerard Brothers, Ltd., Nottingham.

For cosmetic preparations, soaps, non-medicated toilet preparations, toilet articles and preparations for the teeth and hair, all for use on babies (3)

BABYCIL, 889,912, by Organon Laboratories, Ltd., Dordrecht, Surrey.

For perfumes, cosmetics, lotions for the hair (3)

Device with word NEOTIS, B891,708, by Neotis, S.A.S., Como, Italy.

For dentifrices and non-medicated toilet preparations for the mouth and gums (3)

Device, 892,340, by Sarakan Products, Ltd., Walton-on-the-Hill, Tadworth, Surrey.

For soaps, perfumes, non-medicated toilet preparations, essential oils, cosmetics, preparations for the hair and dentifrices (3)

RICHESSA, B893,968, by Wella Rapid, Ltd., Basingstoke, Hants.

For hand cleaning preparations in the nature of gels (3)

UNIGEL, 894,128, by Petrofina (Gt. Britain), Ltd., London, S.E.1.

For non-medicated toilet preparations, cosmetic preparations, dentifrices, depilatory preparations, toilet articles, shampoos, soaps and essential oils (3)

SINALLARGAL, 894,307, by Laboratoire Lachartre, Paris, 12, France.

For preparations for the hair (3)

POMPADOUR, 894,475, by Pompadour Laboratories, Ltd., Nottingham.

For cosmetic preparations, perfumes, non-medicated toilet preparations, dentifrices, preparations for the hair, toilet articles and depilatory preparations (3)

TEXET, 895,478, by Martal Cosmetics, Ltd., London, W.C.1.

For lacquers for the hair (3)

SILVERTINA, 896,042, by Cortina Chemicals, Ltd., London, S.E.18.

For non-medicated toilet preparations and detergents for domestic use (3)

NAIDA, 896,265, by Southern Pharmacies (Surrey), Ltd., London, S.W.19.

For non-medicated toilet preparations and cosmetic preparations (3)

AUTUMN OAKS, 897,392, SUDDEN SPRING, 897,403, by Avon Cosmetics, Ltd., Northampton.

For soaps, perfumes, cosmetics, essential oils, hair lotions and dentifrices (3)

INTERMEZZO, 897,521, by Proprietary Perfumes, Ltd., Ashford, Kent.

For non-medicated toilet preparations and cosmetic preparations, all consisting wholly or substantially wholly of talcum (3) and for deodorant powder and medicated preparations for the skin, all consisting principally of talcum (5)

MODTALC, B878,654, B878,656, by Miners Make Up, Ltd., Surbiton, Surrey

For analgesics; pharmaceutical preparations for use in the treatment of neurolepsy; and tranquillising preparations (5)

DIPIDOLOR, 886,965, by Janssen Pharmaceutica, N.V., Beerse, Belgium.

For creams being pharmaceutical preparations for application to the skin to provide a screen against ultra violet light (5)

UVISTAT, 886,989, by Ward, Blenkinsop & Co., Ltd., Wembley, Middlesex.

For veterinary preparations for washing udders (5)

MASTRIDE, B889,758, by Harold Albert Hadleigh Crowther, Shinfield Green, Berks. For medicated chewing-gum (5) and non-medicated chewing-gum (30)

TRIDENT, 890,192-93, by Warner-Lambert Pharmaceutical Co., Morris Plains, New Jersey, U.S.A.

PATENTS

COMPLETE SPECIFICATIONS ACCEPTED

From the "Official Journal (Patents),"
Dec. 21, 1966

Aqueous emulsions of silicones. Boehrle Fettchemie, G.m.b.H. 1,056,808.

Nitrofurant derivatives and the process for preparing the same. Toyama Kagaku Kogyo, K.K. 1,056,822.

Benzene-sulphonyl-ureas and process for their manufacture. Farbwerke Hoechst, A.G. 1,056,823.

Urea derivatives. Smith Kline & French Laboratories, Ltd. 1,056,833.

Brucella antigen. Johnson & Johnson. 1,056,839.

Photographic products and processes. International Polaroid Corporation. 1,056,860.

Fungicidal compounds comprising tetrachloro nitro aniline derivatives. Fisons Pest Control, Ltd. 1,056,862.

Crystalline alkaloid and compositions thereof. Smith Kline & French Laboratories. 1,056,863.

Production of 5'-inosinic acid by fermentation. Kyowa Hakko Kogyo, Co., Ltd. 1,056,870.

1-(Substituted phenyl)-3,6-endomethylene- Δ^4 -tetrahydrophthalimide derivatives. Eisai, K.K. 1,056,908.

Amino-steroids and processes for their preparation. Roussel-Uclaf. 1,056,932.

Process for the preparation of steroid compounds and the compounds thus prepared. Roussel-Uclaf. 1,056,933.

Oxirane steroids and a process for the preparation thereof. Roussel-Uclaf. 1,056,934.

Processes for the preparation of 21,21-bis-hydroxymethyl pregnanes. Roussel-Uclaf 1,056,935.

Pregnane compounds and processes for their preparation. Roussel-Uclaf. 1,056,936.

Halogenomethyl steroids and processes for their preparation. Roussel-Uclaf. 1,056,937.

L-(-)-erythro- α,β -dihydroxybutyraldehyde and pharmaceuticals containing it. Farmaceutici Italia. 1,056,948.

Oral anti-hypercholesterol composition. J. H. Jones. 1,056,966.

Method of making tablets for testing the sensitivity of bacteria to an antibiotic. Minister for the Petroleum & Chemical Industries, Rumania. 1,057,000.

Penicillins. Distillers, Co., Ltd. 1,057,028-29.

Tetrahexin, an antibiotic. Lepetit, S.p.A. 1,057,051.

Occult blood compositions using quinoline compounds for increased sensitivity. Miles Laboratories, Inc. 1,057,056.

Antibiotics verrucarin H. J. and K. Sandoz Patents, Ltd. 1,057,083.

Amido-thiophosphoric acid esters. Farbenfabriken Bayer, A.G. 1,057,090.

Processes for preparing 2-alkyl-cyclopentane derivatives, and the derivatives thus prepared. Roussel-Uclaf. 1,057,116.

Processes for preparing steroid compounds, and the compounds when thus prepared. Roussel-Uclaf. 1,057,117.

Nitrogen containing dihydrophosphoric acid ester derivatives and pesticidal compositions containing them. CIBA, Ltd. 1,057,130.

Antibacterial and antifungal composition. Boots Pure Drug Co., Ltd. 1,057,131.

Diagnostic solution. Lepetit, S.p.A. 1,057,183.

Antibiotic turomycin and its manufacture. CIBA, Ltd. 1,057,194.

Attachment for catheters. D. A. Rosecrans. 1,057,203.

Cine film cassette. Eastman Kodak, Co. 1,057,230.

Slide projector. Voigtlander, A.G. 1,057,279.

Tetracycline salts and pharmaceutical compositions containing them. Roussel-Uclaf. 1,057,299.

Hand washing pastes. K. Bandau. 1,057,316.

Photographic slutter. Agfa, A.G. 1,057,320.

3-substituted-androst-11-ones and processes for their preparation. Roussel-Uclaf. 1,057,336-37.

Water-soluble flavanoid derivatives. E. Merck, A.G. 1,057,349.

Derivatives of dihydrocinnamaldehyde useful in perfumery. Rhone-Poulenc, S.A. 1,057,360.

British patent specifications relating to the above will be obtainable (price 4s. 6d. each) from the Patent Office, 23 Southampton Buildings, Chancery Lane, London, W.C.2, from February 8.

NOTES ON NEW
MEDICAMENTS

A.C.T.H./C.M.C. — *Constituents*: Corticotrophin complexed with carboxymethylcellulose and dissolved in carboxymethylcellulose sodium solution. Corticotrophin (ACTH) is normally available as a dry powder, to be dissolved in water and given by intramuscular injection (less frequently by intravenous drip infusion), and as a solution in gelatin, intended for intramuscular and subcutaneous use. A long-acting form is available as a corticotrophin-zinc hydroxide complex. The gelatin solutions are often considered too viscous for easy administration and the new carboxymethylcellulose product has certain advantages. Thus it is of low viscosity and withdrawal of a dose and its subsequent injection is correspondingly easier. The effect of the drug is prolonged, and a single daily dose may be adequate. The product is intended for subcutaneous injection, and if necessary the patient can be trained to self-administer the drug.

ALOPECININ — *Constituents*: Ammoldin, ammidin and calcium pantothenate. The former are principles extracted from *Ammi majus*, an umbelliferous plant of the Nile delta. Ammoldin is also known as xanthotoxin, or 8-methoxypsoralen, and can increase the formation of melanin pigments in the skin after exposure to ultra-violet light. Alopecinin has been used in the treatment of alopecia and similar conditions of hair loss, on the assumption that its action in inducing hair growth may be related in some way to its stimulating effects on melanin.

HAVAPEN. — *Constituent*: Penamycin. Benzylpenicillin is easily inactivated by gastric acid, and a consistent and adequate response is difficult to obtain by oral administration, even when large doses are given. Many attempts have been made to modify the penicillin molecule in order to achieve greater stability without loss of activity. Particular attention was given to the synthesis of various penicillin esters because it was thought that esterification might have a protective effect and permit the ester to be absorbed without loss of activity. An enzyme might then attack the ester linkage, or the ester might undergo spontaneous hydrolysis, so releasing the penicillin in an active form. Limited success was obtained along those lines and an ester was introduced into therapy as penethamate hydriodide though it was not suitable for oral use. Later work with double esters opened up a new approach. It was considered that with compounds of this type, tissue enzymes would attack one ester linkage, and the active fragment would undergo spontaneous hydrolysis to liberate active penicillin. Penamycin represents a successful application of such a concept. Chemically it is the acetoxymethyl ester of penicillin. Following oral administration the acetyl group is split off by acetic esterase and other enzymes, to leave a mono-ester. This ester is unstable, and undergoes spontaneous hydrolysis to yield free benzylpenicillin. The drug thus overcomes the disadvantages of oral penicillin therapy by a mechanism that solves the problem of stability and activity.

LEUCODININ. — *Constituent*: Methyl-4-hydroxyphenol. Some years ago a loss of colour of the skin of the hands was reported by some leather workers. Such depigmentation was associated with use of rubber gloves and was eventually traced to the monobenzyl ether of hydroquinone, used during the manufacture of the gloves. The compound, now known as monobenzene, was found to inhibit the formation of melanin pigments in the skin and this effect was obtained without destruction of the melanophores, as repigmentation occurred slowly when exposure to monobenzene ceased. The process had obvious therapeutic applications in the treatment of the darkening of the skin in Addison's disease, lentigo and similar conditions, and various monobenzene pre-

parations were used clinically. Response to treatment is slow, as depigmentation becomes apparent only when the stores of pre-formed melanin are exhausted. The drug may also cause some skin irritation and, in Leucodinin ointment, monobenzene has been replaced by methyl-4-hydroxyphenol. It is stated that the new compound has similar properties of depigmentation but is likely to cause sensitisation or skin intolerance. It may have advantages when long treatment of areas resistant to pigmentation is necessary.

NEW COMPANIES

P.C. = Private Company. R.O. = Registered Office.

V. ASTIN (CHEMISTS), LTD. (P.C.). — Capital £100. To acquire the business of pharmacists. Directors: Nellie Astin, Kenneth V. Astin and Mavis McBridge. R.O. 271 Manchester Road, Hollinwood, Oldham.

B.D.H. (INTERNATIONAL) LTD., (P.C.) Capital £100. To deal in pharmaceutical and medicinal goods, etc. Subscribers: Frank W. Griffin, F.P.S. and B.D.H. Group, Ltd.

B.D.H. (RESEARCH), LTD. (P.C.) Capital £100. To carry out research in the fields of pharmacy, chemistry, etc. Other details similar to B.D.H. (International), Ltd.

DAVID T. BOYD (COMMODITIES), LTD. — (P.C.). Capital £100. To carry on the business of merchants in nicotine and other insecticides, etc. Directors: Ann J. Sheldrick and David E. Goldwater. R.O. 7 Westminster Palace Gardens, London, S.W.1.

PARKINSON OF PAISLEY, LTD. (P.C.). — Registered in Edinburgh. Capital £1,000. To carry on the business of chemists, etc. Directors: Francis A. Parkinson, M.P.S., Agnes A. Parkinson and Joan Kellock, M.P.S. R.O. 61 Neilston Road, Paisley.

TYPHARM, LTD. (P.C.). — Capital £200. To acquire the business of a manufacturer of and dealer in pharmaceutical products carried on by E. M. Thornton at 439 Richmond Road, Sheffield, as "Hallam Pharmaceutical", etc. Directors: Edward M. Thornton, M.P.S. and Ann W. Young.

PRINT AND PUBLICITY

PRESS ADVERTISING

J. & J. COLEMAN, LTD., Carrow Works, Norwich: Robinson's lemon barley. In *Daily Mail*, *Daily Mirror*, *Daily Express*, *Daily Sketch* and *Sun*.

LEWIS WOOLF GRIPTIGHT, LTD., 144 Oakfield Road, Selly Oak, Birmingham, 29: Soft-down disposable nappies and Soft-down tie-pants. In *Woman*, *Woman's Own*, *Parents*, *Baby World*, *The Baby Book*, *All About Children* and *Mother*.

LILIA-WHITE (SALES), LTD., Charford Mills, Rockville Road, Birmingham, 8: Golden Babe shaped disposable nappies. In women's and mothercraft magazines.

A. WANDER, LTD., 42 Upper Grosvenor Street, Grosvenor Square, London, W.1: Ovaltine. In *Daily Express*, *Daily Mirror*, *News of the World*, *Radio Times*, *TV Times*, *TV World*, *Reveille*, *Tit-Bits*, *Week-end* and *Family Circle*.

PUBLICATIONS

Medical Propaganda

Manufacturers' leaflets, folders, booklets, etc., directed to doctors but available to pharmacists. CIBA LABORATORIES, LTD., Horsham, Sussex: "Ismelin," "Navidrex K," "Synacthen" (revised information booklets).

GLAXO LABORATORIES, LTD., Greenford, Middlesex: "Betnovate scalp application" (file card).

KABI PHARMACEUTICALS, LTD., Bilton House, Uxbridge Road, Ealing, London, W.5: "Epsikapron . . . a potent inhibitor of fibrinolytic activity" (4-p. folder and file card).

MAY & BAKER, LTD., Dagenham, Essex: "Dolalgin" (4-p. leaflet).

JOHN WYETH & BROTHER, LTD., Huntercombe Lane South, Taplow, Maidenhead, Berks.: "Havapen . . . oral penicillin G for adults" (8-p. booklet).

COMING EVENTS

Items for inclusion under this heading should be sent in time to reach the Editor not later than first post on Wednesday of the week of insertion.

Monday, January 9

NORTH LONDON PHARMACEUTICAL ASSOCIATION, Beale's restaurant, Holloway Road, London, W.7, at 7.30 p.m. Mr. J. W. Hadgraft (group chief pharmacist, Royal Free Hospital) on "Pharmaceutical Aspects of Dermatology."

STOCKPORT BRANCH, PHARMACEUTICAL SOCIETY, Belgrade hotel, Stockport, at 8 p.m. Ladies' supper evening with rainbow whist.

Tuesday, January 10

DONCASTER BRANCH, PHARMACEUTICAL SOCIETY, Ivanhoe hotel, Sproborough, at 8.30 p.m. Mr. J. R. Harkiss on "Surgical Dressings Past and Present."

EDINBURGH AND SOUTH-EASTERN SCOTTISH BRANCH, PHARMACEUTICAL SOCIETY, 36 York Place, Edinburgh, at 7.45 p.m. Dr. I. Grant on "Drugs in the Treatment of Bronchial Asthma."

EPSOM AND SUTTON BRANCH, PHARMACEUTICAL SOCIETY, Charter Inn, High Street, Epsom, at 8 p.m. Colour transparency competition. GLASGOW PHARMACY CLUB, R. A. Peacock & Son, Ltd., tearooms, 28 Westminster Terrace, Sauchiehall Street, Glasgow, at 7.30 p.m. Whist drive.

LANCASTER, MORECAMBE AND WESTMORLAND BRANCH, PHARMACEUTICAL SOCIETY, Medical centre, Ashton Road, Lancaster, at 7.45 p.m. Film evening.

NORTH STAFFORDSHIRE BRANCH, PHARMACEUTICAL SOCIETY, Medical Institute, Hartshill, Stoke-on-Trent, at 7.45 p.m. Dr. G. L. Brown (physician superintendent, Bicknall Hospital) on "Infectious Diseases."

SCHOOL OF PHARMACY, LEICESTER REGIONAL COLLEGE OF TECHNOLOGY, Leicester, at 7.30 p.m. Mr. R. M. Ridgway on "The Problem Classified; General Methods of Biocidal Control." (Introductory lecture to a course on principles and practice in the use of pesticides.)

TEES-SIDE BRANCH, PHARMACEUTICAL SOCIETY, Vane Arms hotel, Stockton-on-Tees, at 7.45 p.m. Film evening.

WORTHING AND WEST SUSSEX BRANCH, PHARMACEUTICAL SOCIETY, Cissburg hotel, Findon, at 8 p.m. Dr. A. H. Goodspeed on "Foetal Abnormalities."

Wednesday, January 11

BATH AND SOMERSET BRANCHES, NATIONAL PHARMACEUTICAL UNION and SOMERSET BRANCH, PHARMACEUTICAL SOCIETY, Star hotel, Wells, at 8 p.m. Speaker: Mr. C. Hindle (superintendent, Manchester No. 2 Prescription Pricing Bureau).

BIRKENHEAD AND WIRRAL PHARMACEUTISTS' ASSOCIATION, Wellington hotel, Hamilton Street, Birkenhead, at 8 p.m. Wine and cheese evening.

BIRMINGHAM PHARMACEUTICAL ASSOCIATION, Botanical Gardens, Edgbaston, at 8 p.m. New Year dance.

HARROGATE BRANCH, PHARMACEUTICAL SOCIETY, Bay Horse Inn, Burnt Yates, at 8 p.m. Annual dinner and dance.

LEEDS BRANCH, PHARMACEUTICAL SOCIETY, Castle Grove, Headingley, at 8.30 p.m. Annual buffet dance.

MICROBIOLOGY GROUP, SOCIETY OF CHEMICAL INDUSTRY and SOCIETY FOR APPLIED BACTERIOLOGY, Royal Society of Medicine, 1 Wimpole Street, London, W.1, at 2.15 p.m. Mr. R. G. Dorman (Chemical Defence Experimental Establishment, Porton) on "The Dynamics of Air Sterilisation;" Dr. O. M. Lidwell (Central Public Health Laboratory) on "The Microbiological Testing of Air;" Dr. G. T. Thomas (Microbiological Research Establishment, Porton) on "The Detection of Air-borne Viruses;" Mr. G. Sykes (Boots, Ltd.) on "The Design of Laboratories" and Dr. H. M. Darlow (Microbiological Research Establishment, Porton) on "The Design of Safety Cabinets." (Joint meeting on air sterilisation.)

PETERBOROUGH BRANCH, PHARMACEUTICAL SOCIETY, Wakeford room, Bull hotel, Westgate, Peterborough, at 8 p.m. Dr. P. F. D. Areg on "Anti-tussives."

PHARMACEUTICAL SOCIETY OF GREAT BRITAIN, 17 Bloomsbury Square, London, W.C.1, at 8 p.m. Mr. G. Smith (lecturer in pharmacy, Heriot-Watt University) on "Eye-Drops."

SWANSEA AND WEST GLAMORGAN BRANCH, PHARMACEUTICAL SOCIETY, Dolphin hotel, Swansea, at 7.45 p.m. Brains trust.

WESTERN PHARMACEUTISTS' ASSOCIATION, Great Western hotel, Paddington Station, London, W.2, at 7.30 p.m. Speaker: Mr. J. Wright (secretary, National Pharmaceutical Union).

Thursday, January 12

BRADFORD BRANCH, PHARMACEUTICAL SOCIETY, Midland hotel, Bradford, at 7.45 p.m. Professor G. D. H. Leach (professor of pharmacology, Bradford University) on "Testing for Toxicity."

BIRMINGHAM BRANCH, PHARMACEUTICAL SOCIETY, Alexander McGregor lecture suite, Dental Hospital, St. Mary's Row, Birmingham, 4, at 8 p.m. Dr. N. D. Harris on "Radio-active Isotopes in Pharmacy and Medicine."

CHELtenham BRANCH, PHARMACEUTICAL SOCIETY, United Chemists' Association, Ltd., Ucal Works, Cheltenham, at 7.45 p.m. Drs. Miles and Rogers on "General Practitioners and the N.H.S."

DURHAM COUNTY BRANCH, PHARMACEUTICAL SOCIETY, Three Tuns hotel, Durham, at 8 p.m. Mr. J. P. Kerr (a member of Council) on "The Impact of Health Centres on Pharmacy."

HOUSLOW BRANCH, PHARMACEUTICAL SOCIETY, Sun hotel, Hanworth Road, Houslow, at 8 p.m. Lecture and demonstration on hair colourants, arranged by Clairol, Ltd.

LONDON BRANCH, GUILD OF PUBLIC PHARMACEUTISTS, Auditorium, Wellcome building, 183 Euston Road, London, N.W.1, at 7 p.m. Dr. J. F. Mowbray (lecturer in medicine, St. Mary's Hospital medical school) on "Management of Kidney Transplant Patients."

LEEDS BRANCH, PHARMACEUTICAL SOCIETY, Griffin hotel, Leeds, at 8 p.m. Film evening. (Open meeting.)

MIDLAND SECTION—TRENT VALLEY BRANCH, OIL AND COLOUR CHEMISTS' ASSOCIATION, British Rail School of Transport, London Road, Derby, at 7.30 p.m. Dr. G. Silverstone on "Castor Oil Chemistry."

SOUTHEND-ON-SEA BRANCH, PHARMACEUTICAL SOCIETY, Overcliff hotel, Manor Road, West-cliff-on-Sea, at 8 p.m. Mr. K. Jenkins (a member of Council) on "The Proposed Amendment of the Advertising Rules."

Friday, January 13

EXETER BRANCH, PHARMACEUTICAL SOCIETY, Rougemont hotel, Exeter, at 7.45 p.m. Mr. B. J. Thomas (Allen & Hanburys, Ltd.) on "Drug Addiction and the Pharmacist."

Courses and Conferences

RETAIL TRADES EDUCATION COUNCIL, One-day courses on "Managers as Trainers." January 31, at College of Further Education, Kingston upon Thames, Surrey; February 7 at South Kent College of Technology, Ashford, Kent; February 10, at Technical College, Scarborough, Yorks; February 21, at West Suffolk College of Further Education, Bury St. Edmunds. Details from Council's training development officer, 56 Russell Square, London, W.C.1.

WILLS

MR. R. E. PARRY, M.P.S., 8 Upper Chorlton Road, Brooks's Bar, Manchester, left £27,580 (£27,388 net).

MR. F. J. H. ROSSER, M.P.S., 10 Kingsway, Coldhill Lane, Newby, Scarborough, Yorks, left £6,497 (£6,365 net).

Prescribers' Press

What doctors are reading about developments in drugs and treatments

SUPPORT for the recent finding that propranolol has no effect on mortality in acute myocardial infarction (see C. & D., November 5, 1966, p. 460) comes from a trial on 195 patients in ten centres in Britain. Drug or placebo was given for twenty-eight days following the infarction and mortality was 15 per cent. in the treated group and 12.6 per cent. in the placebo group (the low mortality rates being attributed to patient selection). Cardiac failure and hypotension were more common in patients receiving propranolol. (*Lancet*, December 31, 1966, p. 1435.)

CONTEMPORARY THEMES

Subjects of contributions in current medical and technical publications

- TETRAHYDROPAVEROLINE. Pharmacological properties of. *J. Pharm. Pharmacol.*, January, p. 45.
- N-PROPARGYLNORATROPINE. Some pharmacological effects and chemical properties of. *J. Pharm. Pharmacol.*, January, p. 52.
- NEW ORAL CHILLING AGENT [DTPA diethylenetriamine penta-acetic acid] for treatment of Wilson's disease. *Nature*, December 31, 1966, p. 1597.
- CENTRALLY ACTIVE DRUGS. Effect of, on the action of coumarin anticoagulants. *Nature*, December 31, 1966, p. 1599.
- FLUFENAMIC ACID. Effect on pH on the *in vitro* absorption of. *J. Pharm. Science*, December 1966, p. 1387.
- HYPOCHOLESTEROLAEMIC STEROIDS. Bioassay of. *J. Pharm. Science*, December 1966, p. 1392.
- N-(4-DIETHYL-AMINOPHENYL)-3, 4, 5-TRIMETHOXY-BENZAMIDE. Some pharmacological actions of. *Indian J. Pharm.*, November 1966, p. 292.
- ANTIMICROBIAL activity of Ratanjot—the roots of *Arnebia nobilis* Resh. *J. Indian J. Pharm.*, November 1966, p. 302.
- THYROCALCITONIN. Effect of on bone. *Lancet*, December 31, 1966, p. 1428.
- PROPRANOLOL in acute myocardial infarction. *Lancet*, December 31, 1966, p. 1435.
- EPSILON-AMINOCAPROIC ACID therapy for dental extractions in haemophiliacs. *Brit. med. J.*, December 31, 1966, p. 1633.
- FAVOURITE PRESCRIPTIONS in general practice *Practitioner*, January.

United Kingdom

- BRIGHTER HOMES EXHIBITION, City hall, Manchester, February 28 to March 18.
- BUSINESS EFFICIENCY EXHIBITION, City hall, Manchester, April 17-21. Olympia, London, W.14. October 3-11.
- Daily Mail IDEAL HOME EXHIBITION, Olympia, London, W.14. March 7 to April 1.
- DOMESTIC ELECTRIC APPLIANCES EXHIBITION, Harrogate, Yorks, February 14-16.
- EXPORT SERVICES EXHIBITION, Olympia, London, W.14. September 11-15.
- INDUSTRIAL PHOTOGRAPHIC AND TELEVISION EXHIBITION, Olympia, London, W.14. September 11-15.
- INTERNATIONAL DISPLAY MARKET WEEK, Royal Garden hotel, London, W.8. February 20-23.
- INTERNATIONAL GIFT AND FANCY GOODS EXHIBITION, Earls Court, London, S.W.5. August 7-11.
- INTERNATIONAL GIFTS FAIR, Blackpool, Lancs. February 6-10.
- INTERNATIONAL HOSPITAL EQUIPMENT AND MEDICAL SERVICES EXHIBITION, and MEDICAL EXHIBITION, Olympia, London, W.14. June 5-9.
- INTERNATIONAL LIGHTING EXHIBITION (LITESHOW), Olympia, London, W.14. January 23-27.
- INTERNATIONAL PACKAGING EXHIBITION (PAKEX), Earls Court, London, S.W.5. May 22-26.
- INTERNATIONAL PHOTO-CINE FAIR, Olympia, London, W.14. May 15-20.
- INTERNATIONAL PLASTICS EXHIBITION (INTERPLAS), Olympia, London, W.14. June 21 to July 1.
- INTERNATIONAL REFRIGERATION FAIR, Earls Court, London, S.W.5. April 3-7.
- INTERNATIONAL STORAGE AND WAREHOUSING DEVELOPMENT EXHIBITION, Olympia, London, W.14. July 10-14.
- LABEX INTERNATIONAL, Earls Court, London, S.W.5. March 13-17.
- TECHNICAL EXHIBITION OF THE OIL AND COLOUR CHEMISTS' ASSOCIATION, Alexandra Palace, London, N.22. March 13-17.
- PHYSICS EXHIBITION, Alexandra Palace, London, N.22. April 17-20.
- PURCHASING OFFICERS' ASSOCIATION CONFERENCE AND MINIBITION, Metropole hotel, Brighton, Sussex, September 28-30.
- ROYAL SOCIETY OF HEALTH CONGRESS AND EXHIBITION, Eastbourne, Sussex, April 24-28.
- SCRAP AND WASTE EXHIBITION, Olympia, London, W.14. July 17-21.

Overseas

- CHEMICAL ENGINEERING EXHIBITION AND CONFERENCE (ACHEMA), Frankfurt on Main, Western Germany. June 21-29.
- EUROPEAN AEROSOL MANUFACTURERS' EXHIBITION, Berlin. September 15-19.
- GERMAN SOAP FAIR, Berlin. September 16-19.
- HOSPITAL EQUIPMENT EXHIBITION, Berlin. May 31 to June 3.

- HOSPITAL AND MEDICAL EQUIPMENT EXHIBITION, Chicago, United States. August 21-24.
- INDUSTRIAL SAFETY AND FACTORY HYGIENE EXHIBITION, Düsseldorf, Western Germany. November 15-18.
- INTERNATIONAL AUTUMN FAIR, LEIPZIG, Eastern Germany. September 3-11.
- INTERNATIONAL BUSINESS MACHINES AND OFFICE EQUIPMENT EXHIBITION (SICOB), Paris, October 12-21.
- INTERNATIONAL CHILDREN'S AND BABIES' FAIRS, Cologne, Western Germany. April 14-16 and October 20-22.
- INTERNATIONAL DRUGGISTS' EXHIBITION (INDRO), Utrecht, Holland, September 17-21.
- INTERNATIONAL HOSPITAL EXHIBITION, Copenhagen, May 3-7.
- INTERNATIONAL MATERIALS HANDLING EXHIBITION, Paris, May 19-28.
- INTERNATIONAL MEASUREMENT, CONTROL, REGULATION AND AUTOMATION EXHIBITION (MESUCORA), Paris, April 14-21.
- INTERNATIONAL MEDICAL CARE AND HEALTH EXHIBITION, Gothenburg, Sweden. September 28 to October 5.
- INTERNATIONAL PACKAGING EXHIBITION (PACKIMA), Milan, Italy, October 4-10.
- INTERNATIONAL PACKAGING AND MECHANICAL HANDLING EXHIBITION (MACROPAK), Utrecht, Holland. April 19-26.
- INTERNATIONAL PACKAGING FAIR (NORDPACK), Copenhagen. April 27 to May 5.
- INTERNATIONAL PERFUMERY AND COSMETIC EXHIBITION, Turin, Italy. April 29 to May 7.
- INTERNATIONAL PHOTOGRAPHY AND TRAVEL FAIR, New York, United States. April 5-9.
- INTERNATIONAL PLASTICS EXHIBITION, Düsseldorf, Western Germany. October 5-12.
- INTERNATIONAL PLASTICS EXHIBITION, Oyonnax, France. May 24-30.
- INTERNATIONAL RETAIL TRADES EQUIPMENT SHOW, Paris. October 1-9.
- INTERNATIONAL SCANPACK TRADE FAIR, Gothenburg, Sweden, October 19-25.
- INTERNATIONAL SPRING FAIR, Leipzig, Eastern Germany. March 5-14.
- INTERNATIONAL VETERINARY CONGRESS, Paris. July 17-22.
- MEDICA 67, international trade fair for the medical world, Utrecht, Holland. September 22-27.
- NATIONAL CHEMICAL EXPOSITION, Chicago, United States. September 12-15.
- PHARMACEUTICAL AND MEDICO-TECHNICAL EXHIBITION, Berlin. May 17-21.
- PLASTICS SHOW OF CANADA, Toronto. May 30 to June 2.
- PROCESS EQUIPMENT SHOW, Toronto, Canada. December 4-7.
- SPRING FAIR (medical section), Zagreb, Yugoslavia. April 15-23.
- THE INSTRUMENT exhibition of scientific and industrial instruments, Amsterdam, Holland. October 10-19.
- WORLD DENTAL CONGRESS, Paris. July 7-13.

COMMERCIAL TELEVISION

The information given in the table is of number of appearances and total screen time in seconds. Thus 7/105 means that the advertiser's announcement will, during the week covered, be screened seven times and for a total of 105 seconds.

Period—January 15-21

PRODUCT	London	Midland	North	Scotland	Wales & West	South	North-east	Anglia	Ulster	Westward	Border	Grampian	Eireann	Channel 4s
Anadin...	3/90	3/90	2/60	1/30	7/95	2/60	7/95	1/30	7/85	2/37	3/90	2/60	—	4/120
Askit powders and tablets	—	—	—	7/49	—	—	—	—	—	—	3/21	2/14	—	—
Bisodol...	—	2/14	—	4/28	5/35	—	6/42	—	4/28	—	—	—	—	—
Buttercup syrup	—	2/30	3/45	—	—	—	—	—	—	—	2/30	—	—	—
Contact 400	3/90	3/60	3/90	3/90	3/90	3/90	3/90	3/90	3/90	3/90	2/45	3/90	—	—
Fennings gripe mixture	—	—	2/14	—	—	—	—	—	—	—	—	—	—	—
junior aspirin	—	—	1/7	—	—	—	—	—	—	—	—	—	—	—
Glymiel protective hand cream	1/15	1/15	1/15	1/15	1/15	1/15	1/15	1/15	—	1/15	—	—	—	—
Horlicks	3/90	4/120	5/150	2/80	3/90	4/120	4/120	6/240	4/120	—	—	2/80	2/60	5/150
Loxene Shampoo	2/60	5/150	2/60	2/60	3/90	3/90	3/90	2/60	3/90	2/60	2/60	3/90	3/90	—
Mentholatum Deep Heat	3/90	4/120	4/120	2/60	3/90	3/90	3/90	3/90	3/90	2/60	4/120	3/90	—	7/210
Ostermilk and Farex	—	—	—	6/180	—	—	—	—	7/210	—	—	—	—	—
T.C.P. Liquid antiseptic	3/90	2/60	2/60	2/60	2/60	2/60	3/90	2/60	3/90	2/60	3/90	3/90	—	—
Wright's coal tar soap	1/15	—	1/15	1/15	1/15	1/15	1/15	1/15	—	1/15	1/15	1/15	—	—